

19980519.qrp v01_n096.qrs.980519

Date: Tue, 19 May 1998 19:03:12 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1096

QRP-L Digest 1096

Topics covered in this issue include:

- 1) [11173] Re: NORCAL 20 GREAT IDEA... !!!
by marion@montana.com
- 2) [11174] Re: NORCAL 20 GREAT IDEA... !!!
by Roger Hightower <n7kt@earthlink.net>
- 3) [11175] Let's get on with the FUN Stuff!
by trl@cybrwks.net (trl)
- 4) [11176] FDIM
by "Douglas L Datwyler" <datwyler@aros.net>
- 5) [11177] Re: Hall of Fame.
by "Vincent Ferme" <vferme@sprint.ca>
- 6) [11178] Re: FEEDLINE ARTICLE
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 7) [11179] Suggestions for photos/info on QRP events
by "Michael Fletcher" <kl7ixi@mailcity.com>
- 8) [11180] Re: NORCAL FLOP
by "Vincent Ferme" <vferme@sprint.ca>
- 9) [11181] Re: NC 20
by marion@montana.com
- 10) [11182] 6M transverter VS 6M transciever (cw)
by Mighty Mik <mitymik@hooked.net>
- 11) [11183] FDIM 98 proceedings book
by mike czuhajewski <wa8mcq@abs.net>
- 12) [11184] Norcal project
by Ed <edn4pk@VoyagerOnline.net>
- 13) [11185] Sniping (Waiter, Reality Check Please!)
by Joe Gervais <vole@primenet.com>
- 14) [11186] 6M transverter VS 6M transciever (cw)
by marion@montana.com
- 15) [11187] does any one know
by "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
- 16) [11188] FDIM book FB
by MNHopkins <MNHopkins@aol.com>
- 17) [11189] FS StarTek Counter ATH-15
by Jim Stafford W4Q0 <w4qo@america.net>
- 18) [11190] Re: LED Keyer Builder's Report
by Steven Weber <kd1jv@moose.ncia.net>
- 19) [11191] Dayton 1998

- by "Ken Burrough" <ne0c@1st.net>
- 20) [11192] Re: Bootstrapping US Ham Radio?
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 21) [11193] Re: Bootstrapping US Ham Radio?
by "Steve Hurst" <shurst@magiclink.com>
- 22) [11194] Six Meter kits - one more time
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 23) [11195] Dayton in the sunlight/shadow
by MNHopkins <MNHopkins@aol.com>
- 24) [11196] SGC 2020
by Thomas J McCuen <TMcCuen@compuserve.com>
- 25) [11197] Re: Sniping (Waiter, Reality Check Please!)
by "Mike Rioux" <mike@rioux.org>
- 26) [11198] FDIM
by "Gary E. Meyers" <gmeyers@dialnet.net>
- 27) [11199] QRP Hall of Fame, 1998
by mike czuhajewski <wa8mcq@abs.net>
- 28) [11200] 6M QRP "Vote with your fists"
by Jim <kj5tf@madisoncounty.net>
- 29) [11201] Re: QRP Hall of Fame, 1998
by "Vincent Ferme" <vferme@sprint.ca>
- 30) [11202] LOG PROGRAM FOR MACS :-)
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 31) [11203] Re: FDIM
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 32) [11204] 6 m ssb/cw 3w
by alan dawkins <alk0frp@earthlink.net>
- 33) [11205] FDIM
by Dan Copeland <dcopeland@wwn.net>
- 34) [11206] SMT Oner
by alan dawkins <alk0frp@earthlink.net>
- 35) [11207] PK 232 problem
by alan dawkins <alk0frp@earthlink.net>
- 36) [11208] Re: Norcal 20
by tedkell@juno.com (Ted Kell)
- 37) [11209] St. Louis Vert.
by Lamborn@onlinecol.com
- 38) [11210] 6mtr qrp
by marion@montana.com
- 39) [11211] QRP banquet speech: a disclaimer
by mike czuhajewski <wa8mcq@abs.net>
- 40) [11212] Re: dos reader for .jpg files
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 41) [11213] Pushing up to 6M with W1FB
by MNHopkins <MNHopkins@aol.com>
- 42) [11214] Re: Norcal 20 Details
by Leon Heller <leon@lfheller.demon.co.uk>
- 43) [11215] Description of my 2N2222 entry de WB4TPW

by traylor@ECE.ORST.EDU (Roger Traylor)

44) [11216] Re: QRP banquet speech: a disclaimer
by Erv <w8erv@yahoo.com>

45) [11217] The Norcal "Zombie"
by Dave Fifield <fifield@pacbell.net>

46) [11218] Dayton & FDIM
by Monte Stark <ku7y@dri.edu>

47) [11219] NorCal 20
by Tomer <t-ranch@humboldt1.com>

48) [11220] NORCAL20 only for norcal members?
by Stefan Bauer <bauer@student.uni-kassel.de>

49) [11221] JUNE SP SPRINT & calling CQ SP
by Stefan Bauer <bauer@student.uni-kassel.de>

50) [11222] Re: FEEDLINE ARTICLE
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>

51) [11223] Norcal 20
by ac5ez@webtv.net (Larry B)

52) [11224] Worked first fox
by "Kelly Ellison" <kelman@dialnet.net>

53) [11225] Operator's opinions - 6m gear
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

54) [11226] Homebrew v. Kitbrew: inverse rule
by MNHopkins <MNHopkins@aol.com>

55) [11227] Re: Norcal 20
by "Vincent Ferme" <vferme@sprint.ca>

56) [11228] Re: 6M transverter VS 6M transciever (cw)
by Zack Lau <zlau@arrl.org>

57) [11229] 6M Neubeck book back
by MNHopkins <MNHopkins@aol.com>

58) [11230] Maybe I missed something....
by "Bryan Turner" <turnerw@email.uah.edu>

59) [11231] 6 meter stuff
by Roger Braker <msebrakr@telepath.com>

60) [11232] Re: NORCAL FLOP
by "Phillips Richard" <phillips@msoe.edu>

61) [11233] Adventurer/QRP Sights on PCT?
by Joe Gervais <vole@primenet.com>

62) [11234] Re: FDIM
by Chris Cartwright <ccart@dns.vidtel.com>

63) [11235] Re: FDIM
by "Vincent Ferme" <vferme@sprint.ca>

64) [11236] QRP Afloat
by n4js@pobox.com

65) [11237] Re[2]: FDIM
by kreinbd@ccgate.dl.nec.com (David Kreinberg)

66) [11238] Re: Re[2]: FDIM
by Monte Stark <ku7y@dri.edu>

67) [11239] K2 xcvr at K5F0 dinner tonight

- by "L.Svec,W.Burdick" <svecbrdk@well.com>
- 68) [11240] Dayton accommodations
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 69) [11241] Pizza Alert
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 70) [11242] Re: NORCAL FLOP
by Steven Weber <kd1jv@moose.ncia.net>
- 71) [11243] re: Homebrew v. Kitbrew: inverse rule
by "L.Svec,W.Burdick" <svecbrdk@well.com>
- 72) [11244] K5FO Pizza & HoF
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 73) [11245] Re: Dayton in the sunlight/shadow
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 74) [11246] NorCal Mass Produced Kits
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 75) [11247] Re: Homebrew v. Kitbrew: inverse rule
by Andy Fox <foxes@theriver.com>
- 76) [11248] Web site
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
- 77) [11249] Going to kh6...
by Kory Hamzeh <kory@avatar.com>
- 78) [11250] COLLECTION OF ANTENNA DISCUSSIONS
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 79) [11251] EPS-1 Debuts at Dayton + G3RJV 6 Pack
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 80) [11252] Balcony Antennas (opinions).
by "Vincent Ferme" <vferme@sprint.ca>
- 81) [11253] FDIIM proceedings available ??
by Niel Skousen <nskousen@scientechnology.com>
- 82) [11254] Re: NorCal Mass Produced Kits
by Steven Weber <kd1jv@moose.ncia.net>
- 83) [11255] 20m mobile qrp
by tom whalen <whalen@swcp.com>
- 84) [11256] Re: Homebrew v. Kitbrew: inverse rule
by haf47@juno.com
- 85) [11257] Looking for a few folks who won prizes
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 86) [11258] Hallicrafters info needed
by Michael Maiorana <mikemo@ibm.net>
- 87) [11259] My two pence on a few threads.
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 88) [11260] Anyone Using AMECO AC-1 On The Air?
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
- 89) [11261] Re: My two pence on a few threads.
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 90) [11262] Any QRP Adventures Planned?
by Joe Gervais <vole@primenet.com>
- 91) [11263] Banquet prize list!

by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
92) [11264] Re: Anyone Using AMECO AC-1 On The Air?
by "James R. Johns" <jrjohns@mail90.mitre.org>
93) [11265] HF rig/6M xverter interfacing
by Frank Alwine <n1gpy@together.net>
94) [11266] Re: Homebrew v. Kitbrew: inverse rule
by Jim Lowman <jmlowman@ix.netcom.com>
95) [11267] Re: Homebrew v. Kitbrew: inverse rule
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
96) [11268] Re: QRP programs for the HP48GX?
by chris taylor <cht@mindspring.com>
97) [11269] Re: NorCal Mass Produced Kits
by Jim Lowman <jmlowman@ix.netcom.com>
98) [11270] FS:TenTec ARG0 556
by Ronald_A_Pfeiffer@res.raytheon.com
99) [11271] Sporadic E on 10 M (Long)
by "James R. Duffey" <jamesd1@flash.net>
100) [11272] Re: NORCAL FLOP
by "Steve Sorrell" <ap036@detroit.freenet.org>
101) [11273] Re: My two pence on a few threads.
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
102) [11274] wire/rope/tree... cajun ant goo-reaux
by jdenison@morelr.com (JOEL DENISON)
103) [11275] Open note to Jim and Doug
by "Compaq" <QRPDave@ocsnet.net>
104) [11276] Photos of Dayton '98??
by "Michael Fletcher" <kl7ixi@mailcity.com>
105) [11277] Two questions -- anybody know?
by Bob Hirsch <bobh@p3.net>
106) [11278] Re: My two pence on a few threads.
by KC5TJA <kc5tja@topaz.axisinternet.com>
107) [11279] RE: Dayton in the Sunlight/shadow
by Jade Account <jadepro@jadeprod.com>
108) [11280] DOCS for the PCS-6000H?
by Bob Hirsch <bobh@p3.net>
109) [11281] Thanks!
by trl@cybrwks.net (trl)

Date: Mon, 18 May 1998 17:59:23 -0600 (MDT)
From: marion@montana.com
To: qrp-l@Lehigh.EDU
Subject: [11173] Re: NORCAL 20 GREAT IDEA... !!!
Message-ID: <199805182359.RAA21000@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Mon, 18 May 1998 15:59:14 -0700 (PDT)
>Reply-To: rheiss@sprynet.com
>Sender: owner-qrp-1@lehigh.edu
>From: rheiss@sprynet.com (Rob Heiss)
>To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
>Subject: Re: NORCAL 20 GREAT IDEA... !!!
>X-To: qrp-1@lehigh.edu
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>
>It's not my concern whether NORCAL's latest project meets the needs of
>their members. I observe that they seem hard-pressed for ideas and are
>rehashing projects from five to twenty years ago, in this case the ARRL
>Goodwill Project.
>
>Only the subversive aspect bothers me and prompted this note. Exporting
>through Britain is clearly a ruse, since GQRP members could have no need
>for the NORCAL 20. The GQRP recently had a club project, the GQ-20, with
>very similar concept and specs.
>
>Issues of politics, religion, and law should take precedence over our
>little technical hobby. I would think that US educators agree, since
>their math and science classes now emphasize politically appropriate
>themes instead of Aristotle-like detachment. So if our national policy
>is to embargo certain Leninist-atheist rogue states, hams have no
>business subverting that policy.
>
>73, Rob K06KA
>rheiss@sprynet.com
>ARRL, QRP ARCI, Colo QRP member
>
>
>Carefull!! you have a mind of your own and an honest opinion. The norcal
zombies will stop chanting long enough to flame you to ashes!!

Date: Mon, 18 May 1998 16:27:25 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: rheiss@sprynet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11174] Re: NORCAL 20 GREAT IDEA... !!!
Message-ID: <3560616D.2802E935@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As someone in California said..... CAN'T WE ALL JUST GET ALONG!!

HI HI

There is a great bunch on here..... let's have FUN!

72/73

Tom Little
N0DSP

trl@cybrwks.net

-----=_NextPart_000_000A_01BD835B.FEE931C0

Content-Type: text/html;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
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<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>

<BODY bgColor=3D#ffffff>
<DIV>>SNIP<<</DIV>
<DIV>>Issues of politics, religion, and law should take precedence =
over our=20

>little technical hobby. I would think that US educators agree, =
since=20

>their math and science classes now emphasize politically =
appropriate=20

>themes instead of Aristotle-like detachment. So if our national =
policy=20

>is to embargo certain Leninist-atheist rogue states, hams have =
no=20

>business subverting that policy.
 </DIV>
<DIV>ZZ =
COME=20
ON..... CAN WE DISCUSS QRP, BUILDING ETC..... The guys at =
NorCal=20
are helping the hobby..... not harming it!!!! I WOULD LIKE TO =
PERSONALLY=20
THANK THEM and everyone else that has helped me so much in the past.=20
 </DIV>
<DIV> </DIV>

<DIV>I am new to this part of the hobby, built my first kit (NC40A).... =
made my=20
first contact on it using two clip leads touched together.....WOW, I =
built this=20
rig and it works!!, hey it was even DX... CL8VP. I'm having =
fun=20
exploring a new and exciting part of ham radio. Let's keep it =
fun...=20
OK.... it's a hobby for most of us. I'm hooked.... I have 4 more =
kits on=20
order.... then maybe I'll progress to "rolling my own"!</DIV>
<DIV> </DIV>
<DIV>As someone in California said..... CAN'T WE ALL JUST GET =
ALONG!!</DIV>
<DIV> </DIV>
<DIV>HI HI</DIV>
<DIV> </DIV>
<DIV>There is a great bunch on here..... let's have FUN!</DIV>
<DIV> </DIV>
<DIV>72/73</DIV>
<DIV> </DIV>
<DIV>Tom Little</DIV>
<DIV>NØDSP</DIV>
<DIV> </DIV>
<DIV><A =
href=3D"mailto:trl@cybrwks.net">trl@cybrwks.net</DIV></BODY></HTML>

-----=_NextPart_000_000A_01BD835B.FEE931C0--

Date: Mon, 18 May 1998 17:31:11 -0600
From: "Douglas L Datwyler" <datwyler@aros.net>
To: <qrp-1@Lehigh.EDU>
Subject: [11176] FDIIM
Message-ID: <01bd82b5\$0a695a90\$6219adcf@datwyler>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like information on ordering the proceedings of this conference.

Thanks,

Doug WR70

Date: Mon, 18 May 1998 19:40:49 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [11177] Re: Hall of Fame.
Message-ID: <002a01bd82b6\$6476adc0\$d41005d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Congratulations to ALL, well deserved.

73 de Vince, VE3VFN.

Date: Mon, 18 May 1998 19:47:22 EDT
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: kb7ww@chatusa.com, qrp-1@lehigh.edu
Subject: [11178] Re: FEEDLINE ARTICLE
Message-ID: <84964849.3560c88b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Sorry folks. It was pointed out I forgot to include the website for W4RNL:
<http://funnelweb.utcc.utk.edu/~cebik/radio.html>
Hope you enjoy this site half as much as I do.
Alan KB7MBI

Date: Mon, 18 May 1998 17:06:36 -0700
From: "Michael Fletcher" <k17ixi@mailcity.com>
To: qrp-1@Lehigh.EDU
Subject: [11179] Suggestions for photos/info on QRP events
Message-ID: <PIOFBJFMIBGDBAAAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Gang:

As I patiently wait for the historians to document the "Four Days In May" I have some personal suggestions for documenting future events:

-- If people are unforgettable I only need to see them once; new equipment may only be seen once. Capture it!

-- When photographing people, carry a notepad and write down the date, event, frame number, name, callsign and why you took the photo.

-- Photographs of the back of people's heads are not the most interesting view. Move up to the front and crop in the camera (especially with digital models).

-- When photographing equipment, an angled card to one side will reflect light behind the equipment, softening shadows.

-- Lastly, remember film/disk space is cheap in comparison to other expenses. Shoot a lot and from different angles. It's a lot easier to edit when you have choices.

My kudos to those who already have learned the steps, but the key is that they are steps to learn.

This armchair reader, at least, will thank you.

72,

Mike KL7IXI/7

Vancouver, WA

NorCal, AZ ScQRPions, AK/QRP, QRP-L

Sierra, SW-40+, 49er, TiXIE, .38 Special,

40m extended double zepp

"A balanced diet is a cookie in each hand"

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account at <http://www.mailcity.com>

Date: Mon, 18 May 1998 20:30:06 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [11180] Re: NORCAL FLOP
Message-ID: <004d01bd82bd\$4632b500\$d41005d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Monte,

I think you hit the nail on the head.

From: Monte Stark <ku7y@dri.edu>

>And for anyone who might want to nit pick what he does,
>how about listing what you have done for QRP and QRPers
>first. Then we can give it the proper amount of respect.

Opinions are fine, can you imagine if we all thought the same way on everything, innovation would be the first casualty. So, if people still think they have to get "up close and personal", what about attaching a QRP CV/resume, this way we would know where you are coming from. Nobody has to lead or follow anything if they don't want to, but please get out of the way if you are not in the first two categories.

The other trend gaining ground now is that everything done outside the US must be to evade this or that law. Come on fellas, lets stop this conspiracy theory. One of Americans most admiring qualities in my opinion is their patriotism, but some people are exaggerating, they see ghosts everywhere.

In closing, lets please stop calling people zombies, name calling has no place here.

73 de Vince, VE3VFN.

Date: Mon, 18 May 1998 19:26:56 -0600 (MDT)
From: marion@montana.com
To: qrp-l@Lehigh.EDU
Subject: [11181] Re: NC 20
Message-ID: <199805190126.TAA01054@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:28 PM 5/18/98 +0100, you wrote:

><norcal zombies. If norcal promotes it, they will be beating out cw on drums
>>while singing "we are the world".>

> Sorry Roy-the whole idea is that 20 is an international band, and this
>radio is to go to those who need it, and radio is an int'l medium-you can't
>'stop' radio at your border! Also, whether you like it or not, we're
>affected by what happens in the world, and if we can have a positive
>effect, we will benefit for ourselves-those hams who may get the radios may
>end up on the ITU board someday, and when it comes time to move the BC'ers
>off of 40 (and other bands), they may well vote in our favor. We get to
>work some nice qrp dx in the meantime. I know it's unpopular among many to

>think beyond their 'front yard' but it really is a big world out there.
>Dan N7CQR
>A Norcal blue-helmeted zombie,that flies around in unmarked UN helicopters
>stealing radios to send to the 3rd world!
>
>
>
>I challenge you to show me the first confirmed contact on one of the radios
that will supposedly be distributed to third world, which no one seems to
know just who that is. You could give away 500 radios in the USA and may
never work any of them, as far as that goes. But I hope you do, and If I do
I will let you know. Roy AB7CE

Date: Mon, 18 May 1998 17:50:24 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [11182] 6M transverter VS 6M transciever (cw)
Message-ID: <3560D750.1763C950@wenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not to knock transverters...but does that have to be the only path to 6?
one problem I have is that my stock ICOM 737 will only go down to 10
watts. If anyone is aware of a mod to get it to go lower, let me know.
The TENTEC wants 3-5 watts.

The OTHER problem I have with the TENTEC is that I would like to use it
all mode. If I wanted to use it at 52.525, i'd have to transmit FM on
16.525Mhz. oops...can't do that one w/o a mod.

As to current kitmakers...there are a lot of FINE kits out there, most
of which are available up to 10 meters...but not higher. I suspect that
at 50 MHZ and above may require different construction techniques,
although i have seen a file that describes how to turn a 10 meter radio
into a 6 meter radio. If someone wanted to design a kit that would teach
me about that realm, i would certainly look into buying one. it looks
like there is a starving market out there...so who will be first to
market with a kit?

is there anything in the ARRL VHF books on the subject?

Date: Mon, 18 May 1998 20:47:57 -0400
From: mike czuhajewski <wa8mcq@abs.net>
To: QRP forum <qrp-1@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@abs.net>, g.heron@dialogic.com, Danny Gingell <k3tks@abs.net>
Subject: [11183] FDIM 98 proceedings book
Message-ID: <3560D6BD.3AAB@abs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just wanted to publicly thank George Heron, N2APB, for all the work he did in preparing the printed proceedings for FDIM 98, as well as all of the authors who presented their talks. I hadn't seen the book until I got to Dayton, and was amazed. It's most impressive and together with the proceedings from the two previous years makes an excellent addition to a QRPers technical library. (A limited number of copies will be available from K3TKS, I believe; e-mail him for details, k3tks@abs.net.)

My thanks to the current FDIM crew for an outstanding presentation--it's a huge amount of work to coordinate everything and pull it off--and to those who presented their papers, who also did exceptional jobs. My special thanks to the creators of the original FDIM, who are Bruce Muscolino, W6TOY and Bob Gobrick (Bobgob, as I call him), N0EB, as well as the people on the FDIM committee in the previous two years and those gave talks in the past. The contributions of everyone involved in FDIM since it's inception have really made "QRP Dayton" an event to be remembered.

And finally, a public apology for some of the graphics in the proceedings this year. I got a panic e-mail from N2APB, who had one day left to get the proceedings off to the printer, and he still didn't have anything on paper for the talk he and N2CX were going to give on the Rainbow Antenna Analyzer. I gave Joe advice on how to get it into a usable format from the drawing package, but he didn't have time to experiment, and could not make it work as I described. (Turned out that my computer has an extra Microsoft graphics filter on it that neither of them had.) Joe finally sent me the three drawings via ftp as KeyCAD files, I exported them via HPGL into a word processor format that they could use and ftp'ed that back to them. Unfortunately that's not always the best method and there wasn't enough time to work anything else out :-(The result came out faint and hard to read on paper. Of course, the alternative was not having them at all. Happily, the remainder of the graphics in the book turned out superbly.

Again, my thanks to everyone who has ever had anything to do with

FDIM, now and in the past. A superb job by all!

--

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net
President, QRP ARCI

Date: Mon, 18 May 1998 21:00:22 -0400
From: Ed <edn4pk@VoyagerOnline.net>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [11184] Norcal project
Message-ID: <3560D9A6.D959D6E8@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think that the Norcal group as a whole should be commended for their latest project. Who really cares what the operating band is ??

...Really

Doesnt make a hoot of a difference to most of us and the "so-called" naysayers are just pooh poohin a great idea because it doesnt fit their needs. If I wanted a 10-15-20-30-40 or whatever rig I would do what most of us have the ability to do...just go buy it....Not everyone has that choice or opportunity and we do..Lets share with someone that hopefully would put the rig to good use. I think we all should order a rig from Norcal and just tell them to send "ours" to another 2/3/4/5/6/7 world wanna be ham. In fact when I send my check to Norcal I will send along instructions that my kit is also to be given to a ham in need of a rig. I really dont need or want it...Good grief people take a look at your operating desk...just how many more rigs do most of us need.....my Granpa always sed "share and share alike"....there was no greater person on this earth than my Granpa.... Ed...N4PK.....Send the flames on...I could care less...that is until you insult my Granpa's memory..... 72/73

Date: Mon, 18 May 1998 17:59:58 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [11185] Sniping (Waiter, Reality Check Please!)
Message-ID: <199805190059.RAA28620@usr02.primenet.com>

Howdy Folks,

Can we please *not* bring up politics, religion, and law on QRP-L. Please? Those are three areas I strive to keep *out* of our little hobby. Well, except for ensuring I'm meeting FCC specs. :)

There are literally hundreds of newsgroups devoted solely to those topics, all of which I avoid like the plague due to insanely poor signal-to-noise ratios.

It's weird enough seeing a few folks slamming a QRP club's latest project, *not* on technical issues but simply because they don't like it. Been on QRP-L nearly since Day One and have *never* seen anything like this. Can't understand it.

What if NJ-QRP comes out with a new and improved Rainbow Tuner? Are they going to have to put up with, "Aw geez, ANOTHER tuner! It's been done! Why did you bother? I wanted a bipolar carrot peeler/yogurt mixer!" In September's 'QRP AField', are we going to have to put up with someone screaming, "ANOTHER field day? Geez, it's been done!"

I hate olives. Would it make sense for me to hang out in a pizza place and scream and point everytime someone else ordered a pizza with olives?

Please, let's get back to constructive civil discourse. I miss the old QRP-L

If you have constructive criticism, that's always been a strongpoint of QRP-L. I'm sure we all value that. Bottom Line: It's a hobby. If it doesn't bring a smile to your face, perhaps it's time to reevaluate just why you're doing it. Let the rest of us get back to enjoying the best hobby in the world.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 18 May 1998 19:57:25 -0600 (MDT)
From: marion@montana.com
To: qrp-l@Lehigh.EDU

Subject: [11186] 6M transverter VS 6M transciever (cw)
Message-ID: <199805190157.TAA04639@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Mon, 18 May 1998 17:50:24 -0700
>Reply-To: mitymik@hooked.net
>Sender: owner-qrp-1@Lehigh.EDU
>From: Mighty Mik <mitymik@hooked.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: 6M transverter VS 6M transciever (cw)
>X-To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>
>Not to knock transverters...but does that have to be the only path to 6?
>one problem I have is that my stock ICOM 737 will only go down to 10
>watts. If anyone is aware of a mod to get it to go lower, let me know.
>The TENTEC wants 3-5 watts.
>
>The OTHER problem I have with the TENTEC is that I would like to use it
>all mode. If I wanted to use it at 52.525, i'd have to transmit FM on
>16.525Mhz. oops...can't do that one w/o a mod.
>
>As to current kitmakers...there are a lot of FINE kits out there, most
>of which are available up to 10 meters...but not higher. I suspect that
>at 50 MHZ and above may require different construction techniques,
>although i have seen a file that describes how to turn a 10 meter radio
>into a 6 meter radio. If someone wanted to design a kit that would teach
>me about that realm, i would certainly look into buying one. it looks
>like there is a starving market out there...so who will be first to
>market with a kit?
>
>is there anything in the ARRL VHF books on the subject?
>
>
>
>
I second your motion. Theres been alot of interest expressed in this area on
the list lately. Lets hope that one of the kitting clubs catches on. ;>)

Date: Tue, 19 May 1998 13:13:57 +1200
From: "Grindrod, Ross [Pulp & Paper]" <GRINDRR@chh.co.nz>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [11187] does any one know

Message-ID: <199805190113.NAA01866@host02.net.voyager.co.nz>
MIME-Version: 1.0
Content-Type: text/plain

Hi ,as I think this is one of the largest groups on line and I am trying to get a resolution to a problem in restoring a english Redifon R50m communications receiver it is missing the dial gear drive train .If you have any bits that are for this set it would be appreciated if you can contact me via packet at zl3dc@zl2oz or email at grindrr@chh.co.nz

Also at exchange rate does a country become 3rd world ,
Also can some send me the 40 mtr ssb frequency for qrp as I built up a circuit from the qrp notebook and would like to see if I can at least hear yor side of the pacific.

Thankx for reading this
Chris Ross ZL3dc

Date: Mon, 18 May 1998 21:23:57 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [11188] FDIM book FB
Message-ID: <e0feacfa.3560df2e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I was in Dayton but skipped Four Days in May FDIM Thursday as the description looked too elementary. Later, in the forest of venders, I bought a copy and wished I had at least sat in on Gary Breed's session about new devices. I consider its synopsis worth the price of the book.

Those who know me know I am not in league with QRP ARCI management in this or most anything else, by the way. But I'm glad I bought the book.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins qrp arci 4400 ptp (prior to purge)
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Mon, 18 May 1998 21:31:17 -0400
From: Jim Stafford W4QO <w4qo@america.net>
To: unlisted-recipients;; (no To-header on input)
Cc: "Alvin G. Gann, W1UI" <jgann@mindspring.com>, "Bob Edwards W4ED,AE4CA" <rbe@atlanta.com>, "Du Wayne Schmidlkufer, KD4HMP" <duwayne@ix.netcom.com>, "Ed Tanton, N4XY" <n4xy@att.net>, "George Zimmerlee, N4XDC" <geozim@atlcom.net>, "John Thomas, NR4N" <johnnr4n@aol.com>,
Subject: [11189] FS StarTek Counter ATH-15
Message-ID: <3560E0E5.AB5@america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have for sale an almost new StarTek ATH-15 counter - 1-1500 Mhz.
Includes nicad, charger, case, and antenna. At Dayton, the special on this one was \$209. I have had it about a year with almost no usage. Kept the battery charged. Asking \$145. Mint condition, can't tell from new one. Just got the StarTek 35-BG and don't need two.

--

Jim Stafford, W4QO 404-572-8457 w4qo@amsat.org

Date: Mon, 18 May 1998 20:28:15
From: Steven Weber <kd1jv@moose.ncia.net>
To: n7kt@earthlink.net
Cc: qrp-1@lehigh.edu
Subject: [11190] Re: LED Keyer Builder's Report
Message-ID: <3.0.3.16.19980518202815.2c57415e@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>> 1) How do you tell which is terminal A and which is terminal B on the
>> shaft encoder? I guessed, since it's not marked.
>
>It's on the mechanical drawing...I'm assuming that you look from the top
>of the encoder.
>
Actually, it's looking from the bottom, with the shaft pointing away from you. No big deal unless you get the center common swapped, swapping A+B will simply make it backwards.

Glad you all like the kit :-))

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Mon, 18 May 1998 21:43:06 -0400
From: "Ken Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [11191] Dayton 1998
Message-ID: <003b01bd82c7\$8d768720\$2ed633d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All

Dayton 1998 was the best show of the eight I have attended. I did not make it to Days Inn South again this year, the grandkids had other ideas. Our son and his family live in Dayton.

The flea market seemed bigger this year with the usual fair. The one item I brought home with me was a Ten Tec Powermite 2B. I have been looking for an Powermite for about 10 years. Its in what I would call average condition, not great but not beat up. Does anyone know where I can get the two little connectors used for the phones? I haven't seen these around for years.

Dayton is over, the bands are down and the grass is growing, hurry WINTER.

>From the Buzzard Roost, Flushing, Ohio---72/73---Ken/ne0c QRP-L 1524

Date: Mon, 18 May 1998 19:04:53 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <kc5tja@topaz.axisinternet.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [11192] Re: Bootstrapping US Ham Radio?
Message-ID: <01bd82ca\$8383cea0\$9aa9d9cf@accurate-1>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, this is not so far fetched.

It is precisely the manner in which I am trying to interest my Son in Amateur Radio, albeit communications only rather than Nintendo. He and his good buddy play on-line games constantly, and for reasons unknown to me, they want also to stay in touch by telephone. I think it is to strategically "gang-up" on an unsuspecting opponent. At any rate, after one outrageously high phone bill and his subsequent loss of phone privileges, (His buddy lives across town), I urged him to consider Ham Radio for this purpose. Back Doric, but what the hey....

I tried to initiate an electronics/Ham Radio Club at our local High School. Apparently, the same effort had been put forth each and every year prior to my "brain-storm". According to the Administrators of the school, The kids here just do not see the purpose in this hobby. Weird.....

Roger KD6CC

-----Original Message-----

From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Date: Monday, May 18, 1998 8:47 AM
Subject: Re: Bootstrapping US Ham Radio?

>On Mon, 18 May 1998, Bruce Muscolino wrote:

>

>> But, what about the US hams. Those thousands of potential hams who would
>> rather watch their Nintendos? Of course any group could sponsor a
program

>

>I have an idea... (*humor mode enabled*)

>

>Why don't we design and build a ham radio that permits the person to play
>his Nintendo over the air remotely? And, let's make it a kit, so that
>they can build it themselves. It'd basically consist of a 420-450MHz ATV
>receiver, and a 6m band R-C controller that uses pulse-width-modulation
>for the controller pad. Then there's the 2m radio channel that allows you
>to speak with other game players who is participating in your local game
>playing "net". :)

>

>(*humor mode disabled*)

>

```
>=====
>      KC5TJA/6      |      -| TEAM DOLPHIN |-
>      DM13          |      Samuel A. Falvo II
>      QRP-L #1447   |      http://www.dolphin.openprojects.net
>
>
>
```

Date: Mon, 18 May 1998 20:05:32 -0600
From: "Steve Hurst" <shurst@magiclink.com>
To: <rmccarty@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [11193] Re: Bootstrapping US Ham Radio?
Message-ID: <199805190205.WAA34462@nss4.cc.Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

```
> From: Roger A. McCarty <rmccarty@earthlink.net>
>
> I tried to initiate an electronics/Ham Radio Club at our local High
School.
> Apparently, the same effort had been put forth each and every year prior
to
> my "brain-storm". According to the Administrators of the school, The kids
> here just do not see the purpose in this hobby. Weird.....
>
>
> Roger KD6CC
>
```

Must be all the drugs and sex they are getting in school..... Hey if
I had that when I was in school, I'd probably never have gotten my ticket
!!!! :-)

73,
Steve Hurst
KA7NOC (southern Idaho)
<http://www.magiclink.com/web/shurst>
shurst@magiclink.com

Date: Mon, 18 May 1998 22:07:48 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-1@Lehigh.EDU
Subject: [11194] Six Meter kits - one more time
Message-ID: <199805190206.WAA28759@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Kanga and Hands Electronics have for the past several years had six meter kits

Kanga has a very simple CW TX - xtal controlled at about 1 watt.
There is also a simple 6 meter to 10 meter converter using an NE602.

Hands has a very nice 6 meter xcvr and a 6 meter transverter kit.
Check out the Hands site linked to from my URL below.

I also produce a series of kits designed by KK7B which can be put on 6 meters (or many other bands). The mninR2, T2, and LM2 makes a very nice (although low power) xcvr.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Mon, 18 May 1998 22:13:06 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [11195] Dayton in the sunlight/shadow
Message-ID: <a186e094.3560eab4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Only a true essayist can describe a thing without reference to something else.
I cannot, so I render this year against 1995, my last sojourn.

Of course it was hot. The move to later in the year is a mistake in light of El Nino, but I am more concerned about the shadows crossing the QRP movement.

Consider the display suites at Days Inn South. In '95 they bristled with homebrew showings, but now they have become "vender's areas" almost exclusively and real homebrew was scarce once one factored out the Norcal 2N2222 formula rigs. Of the things offered for sale, diminutive CW transceivers abounded and the literary might have seen it in DeFoe terms: A white bearded Dave Benson surrounded by Lilupitian elaborators.

The new stuff included some breathtakingly expensive gear, and the anomolous display with the 40M directional antenna RX that worked wonderfully. The same seller has in this issue of QST a regenerative RX using an optoelectric coupler -- a marriage of old and new worthy of study. I am fighting myself to avoid buying one and scratching my head to know why the article does not mention the work of Charles Kitchin, who authored the ARRL's last regenerative RX and the devinative work on the subject for Communications Quarterly. Perhaps a feud?

There are always feuds, of course. You won't see Fred Bonavita and Mike Bryce in the same room. And feuds come both from personality clashes and from genuine differences of opinion -- a fact missed by QRP-Ls new censors, it seems. But back to the shadow: and the 1960 Ford Falcon.

Once Ford offered a simple little car for folks with simple needs and tastes. But in a decade and a half it had a V8 and a padded roof. Now it is gone. I wonder if we are past the Falcons and up to the rigs so complex few understand them and so tiny few can work on them anyway. If so I'll meet you homebrewer types down on 160 to 190 kc or up on 6M where we can do our thing.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Mon, 18 May 1998 22:30:16 -0400
From: Thomas J McCuen <TMcCuen@compuserve.com>
To: QRP-L Lehigh Server <qrp-l@Lehigh.EDU>
Subject: [11196] SGC 2020
Message-ID: <199805182230_MC2-3D7B-D32B@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

New Spec change maybe??

For those following (still) the 2020, check out the pic of the rear of the unit that show the external phone jack..... read the small print

RX @ 400ma =

TX @ 5 watts 2.5amps =

TX @ 20 watts 4.5amps

The TX is a little more than the listed current in the spec sheet;
Voice; less than .8 Amps =

5W CW; less than 1 Amp =

20W CW; less than 3 Amps =

increased by 1.5 amps

Time for a bigger battery!

73

Tom

Date: Tue, 19 May 1998 02:46:00 -0000

From: "Mike Rioux" <mike@rioux.org>

To: <vole@primerenet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [11197] Re: Sniping (Waiter, Reality Check Please!)

Message-ID: <01bd82d0\$421f2df0\$0a32a8c0@SEABAT.RIOUX-HOME>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>Please, let's get back to constructive civil
discourse. I

>miss the old QRP-L

Thanks Joe, my feelings also.

Mike Rioux, W1USN

W1USN@rioux.org

RNARS #3889, QRP-L #79, NORCAL #777, QRP ARCI #6973

V26NR, V31RN, 8P9CI, P4/NW1J, DL/WA1TPE, G0/NW1J

Date: Mon, 18 May 1998 21:56:40 -0500
From: "Gary E. Meyers" <gmeyers@dialnet.net>
To: qrp-1@Lehigh.EDU
Subject: [11198] FDIM
Message-ID: <199805190256.VAA08961@mail.dialnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What a great bunch of guys and gals at FDIM. My first year to attend but it won't be my last...thanks to all of you who took the time to make me feel a "part of the group!"

A special thanks to Scott for coordinating the lodging, and for putting together such a great banquet.

73,
Gary, KY0B
Aurora, Mo.

Date: Mon, 18 May 1998 22:54:28 -0400
From: mike czuhajewski <wa8mcq@abs.net>
To: QRP forum <qrp-1@Lehigh.EDU>, GQRP forum <gqrp-1@blacksheep.org>
Cc: Chuck Adams <adams@chuck.dallas.sgi.com>, wager@juno.com, svecbrdk@well.net, Rev George Dobbs <g3rjv@gqrp.demon.co.uk>
Subject: [11199] QRP Hall of Fame, 1998
Message-ID: <3560F464.6B05@abs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The 1998 inductees into the QRP Hall of Fame, an honor bestowed by the QRP ARCI, were announced on Friday at the QRP banquet at the Days Inn South in Dayton. They are:

Chuck Adams, K5FO
Wayne Burdick, N6KR
Jim Cates, WA6GER

Gus Taylor, G8PG

Chuck Adams needs no introduction to qrp-l subscribers. In addition to his articles in various QRP journals and work with the NorTex QRP group, he is the founder of qrp-l itself, as well as the nominal overseer and "president" (if such a term can be applied to a mail reflector). Started in 1993 and growing in popularity and size over the years, qrp-l has become one of the dominant forces in QRP today. As I've said many times, qrp-l, which I like to call "the QRP Daily," is one of the two best things to happen to QRP in years.

Wayne Burdick, N6KR, is well known as the designer of many excellent NorCal rigs and accessories. I first heard of him in the pages of QEX many years ago, when he published his Safari 4 QRP transceiver in a series of articles. The name was quite unknown to all of us at the time, but since then has become very well known indeed. This was not the first time Wayne had been nominated for the HoF. In prior years when we discussed the nominees before voting, some expressed concern that he was a newcomer and had not "paid his dues" and might be a "flash in the pan". But as time went on it became obvious that he was a very talented designer and is definitely in QRP for the long haul.

Jim Cates, WA6GER, is the founder of NorCal along with Doug Hendricks (KI6DS), who was inducted last year. He is half of the team that created the other half of the pair of things that I consider the best things to happen in QRP in years, the Northern California QRP Club. While Doug is the more visible and outspoken of the two, with Jim preferring to keep a low profile, WA6GER is nonetheless a very integral part of NorCal and it's continuing success. And in case anyone thinks that Jim is a newcomer to QRP, I invite you to dig back into the pages of the Milliwatt (National Journal of QRPp) published in the early 70's--you'll find his name there!

Gus Taylor, G8PG, is not quite as well known on this side of the pond as he is in the UK, but he is quite prominent in the GQRP club, and graces the pages of SPRAT on a regular basis. He currently writes a column for SPRAT titled "Antennas -- Anecdotes -- Awards." When nominations are made for the QRP HoF there are some names to which my reply is to smile and say "but of course"--and Gus is one of those.

This is getting harder to do from memory every year since the list continues to grow, but here are the members of the QRP Hall of Fame, in no particular order (except that people inducted in the same year are grouped):

1992

Doug DeMaw, W1FB

Roy Lewallen, W7EL

Randy Rand, AA2U
George Dobbs, G3RJV

1996

C. F. Rockey, W9SCH
Wes Hayward, W7ZOI
Adrian Weiss, W0RSP
Rick Littlefield, K1BQT
Tom David, K8IF
Brice Anderson, W9PNE
George Burt, GM3OXX

1997

Doug Hendricks, KI6DS
Dick Pascoe, G0BPS
Mike Czuhajewski, WA8MCQ (done behind my back, without my knowledge)

1998

Chuck Adams, K5FO
Wayne Burdick, N6KR
Jim Cates, WA6GER
Gus Taylor, G8PG

If anyone has a favorite QRP hero that they think is worthy of being in the QRP Hall of Fame, you'll have a chance to nominate them later in the year. The call for nominations usually goes out with the October issue of the QRP Quarterly. (Nominations are not accepted before that.)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net
President, QRP ARCI

Date: Mon, 18 May 1998 22:01:54 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [11200] 6M QRP "Vote with your fists"
Message-ID: <3560F622.77AF@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I wanted to throw in my 2c about the need for more QRP activity on 6M, and shortage of kits for that band.
I sent email to one or two of my favorite kit providers gently suggesting they offer a kit for 6 with a couple watts CW. Perhaps others

have done the same and soon we will see something come around from Benson NN1G kits, NorCal or others. Until that time, the Ten Tec 20M > 6M XVTR seems the best way to go - I'd much rather not have the extra connections useing an xvtr brings into the game. Lets get more QRP'ers on 6M and "vote with your fists" and the kit makers will follow. Sound reasonable?

72/3'z de Jim - AR QRP #2

Date: Mon, 18 May 1998 23:13:50 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [11201] Re: QRP Hall of Fame, 1998
Message-ID: <00ed01bd82d4\$25f17260\$d41005d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

This is QRP's dream team, isn't it? Thanks to QRP-ARCI for its continued support of the Hall of Fame.

And Mike C., WA8MCQ should stop including the disclaimer after his name, he deserves to be there period!!!

73 de Vince, VE3VFN.

>1992
>Doug DeMaw, W1FB
>Roy Lewallen, W7EL
>Randy Rand, AA2U
>George Dobbs, G3RJV
>
>1996
>C. F. Rockey, W9SCH
>Wes Hayward, W7ZOI
>Adrian Weiss, W0RSP
>Rick Littlefield, K1BQT
>Tom David, K8IF
>Brice Anderson, W9PNE
>George Burt, GM3OXX
>
>1997

>Doug Hendricks, KI6DS
>Dick Pascoe, G0BPS
>Mike Czuhajewski, WA8MCQ (done behind my back, without my knowledge)
>
>1998
>Chuck Adams, K5FO
>Wayne Burdick, N6KR
>Jim Cates, WA6GER
>Gus Taylor, G8PG

Date: Mon, 18 May 1998 23:29:02 EDT
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [11202] LOG PROGRAM FOR MACS :-)
Message-ID: <2a267564.3560fc7f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Well you MAC users we are in luck. HAMLOG 2.0 is available for \$20 and is really slick looking. You can download the DEMO but need FILE MAKER PRO to run, Here is the site: <http://www.mindspring.com/~kmb/hamlog/hamlog.html>

Alan KB7MBI

Date: Mon, 18 May 1998 23:36:59 -0400
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: gmeyers@dialnet.net, QRP List <qrp-1@Lehigh.EDU>
Subject: [11203] Re: FDIIM
Message-ID: <3560FE5B.AA6552BA@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott did a great job on the banquet, but he did not coordinate the lodging. That special task was handled by Hank (K8DD) and Buck (N8CQA). Glad you enjoyed the event.

72/3,

Ken w4du@bellsouth.net
W4DU

Gary E. Meyers wrote:

> A special thanks to Scott for coordinating the lodging, and for
> putting
> together such a great banquet.
>
> 73,
> Gary, KY0B
> Aurora, Mo.

Date: Sun, 17 May 1998 13:05:12 -0600
From: alan dawkins <alk0frp@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [11204] 6 m ssb/cw 3w
Message-ID: <355F34E8.C6B8055E@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.qsl.net/7n3wvm/xcvr-6m.html>
the above URL will get you to a site that has a Diagram of a 3w Super
VX0 6m ssb/cw rig . there are other rigs if you go back to the homepage.
40/20/30 etc.
Build your own then Kit "it" for the rest of us.
Makoto has some good stuff there.

Al K0FRP

Date: Mon, 18 May 1998 22:44:42 -0500
From: Dan Copeland <dcopeland@wwn.net>
To: qrp-1@Lehigh.EDU
Subject: [11205] FDIM
Message-ID: <03400489050075@wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I must have missed something. Maybe it was the the heat in the flea market that caused me to misunderstand what I thought I saw.

I went to all FDI events except the banquet, I had a previous commitment. What I observed was a bunch of people having a great time. There is more excitement in the QRP community than all the rest of HAM combined. I saw no politics or bickering going on.

I hope those of you that would like to destroy this excitement can either figure out a way to have fun, or please move on and leave the rest of us alone. Maybe to you we are miserable, but we don't know it and we like it this way.
Daniel Copeland KF00V
dcpeland@wn.net

QCWA Webmaster* ARRL-life member* QRP-L 1004
ARCI - 9670, Norcal 38S, MFJ 9040, OHR 100A/20
<http://www.teleport.com/~qcwa> | <http://www.dcpeland.com>
"I want to die peacefully in my sleep like my grandfather,
not screaming in terror like his passengers."

Date: Sun, 17 May 1998 13:13:22 -0600
From: alan dawkins <alk0frp@earthlink.net>
To: QRP-l@lehigh.edu
Subject: [11206] SMT Oner
Message-ID: <355F36D2.76FB002A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My surface mount oner is not done as planned. Too much work getting ready for the Graduation and picnic on the 23rd. I get home on Friday and get this list of , Yes MORE stuff to do. My son graduates once from High School , guess its worth it.

The SMT Oner is not completed as promised. I'm home this week and the graduation is Thursday morning, picnic is Saturday. Think I may sneak in a bit of time to at least clip lead it to get some power out and maybe even try for a contact.
COMING SOON or it will eventually get there.
Al K0FRP

Date: Sun, 17 May 1998 13:16:38 -0600
From: alan dawkins <alk0frp@earthlink.net>
To: QRP-L@lehigh.edu
Subject: [11207] PK 232 problem
Message-ID: <355F3796.4CE04D90@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I want to thank all the responses I received about my PK232 problem, I guess there was about 10 or so that gave me a possible solution. None I tried worked so , when I get time I will dig back into it. Sorry for the late Thanks.
Was more than a month ago .
Al K0FRP

Date: Sun, 17 May 1998 22:52:15 CDT
From: tedkell@juno.com (Ted Kell)
To: pharden@aoc.nrao.edu, qrp-l@Lehigh.EDU
Subject: [11208] Re: Norcal 20
Message-ID: <19980518.225518.15838.8.tedkell@juno.com>

Hummm... I'm not sure I would like this idea in the long run. For myself, I think I would rather just know that I had helped some anonymous ham out there, it could be anyone that I manage to contact. Likewise, wouldn't it nice if all the recipient knew was that out there was someone that wanted them to have the ability to communicate. It could be ANY of those with NC20s. I think I don't really want personal gratitude from someone that has so little when I have so much.

We at least need the option to opt out of this.

No flames please, this is serious stuff.

Ted Kell
KC5CUW
Near the Johnson Space Center
Houston, Texas
<tedkell@juno.com> -or- <tkell@nyx.net>

On Sun, 17 May 1998 14:03:45 -0600 (MDT) Paul Harden
<pharden@aoc.nrao.edu> writes:
>
>
>On Sun, 17 May 1998, Ward Hill wrote:
>> Personally, I would like to have my call sent with the kit that will
>be
>> making it to someone for free. I want to have a QSO, QRP with my
>TWIN and
>> know it. There should be an award for that QSO.
>>
>> Best 73 to NORCAL and all,
>
>Excellent idea, Ward. Personally, I would like to have my name and
>address included in the rig I buy ... with the hopes that I might
>actually
>hear from the guy and find out where my "son" ended up. Then if we
>*should*
>ever hear eachother on the air, we'll know that will be one of those
>QSO's
>you'll cherish forever.
>
>Great idea ... Paul NA5N
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: 18 May 1998 22:10:16 MDT
From: Lamborn@onlinecol.com
To: qrp-l@Lehigh.EDU
Subject: [11209] St. Louis Vert.
Message-ID: <199805190412.AAA17960@nss4.cc.Lehigh.EDU>

I would appreciate it if someone would either post or email me a brief description of the St. Louis Vertical. I have seen it mentioned many times. Is there a kit or plans on how to build it.

Thanks & 72

Steve KI8KY

Date: Mon, 18 May 1998 23:16:32 -0600 (MDT)
From: marion@montana.com
To: qrp-l@Lehigh.EDU
Subject: [11210] 6mtr qrp
Message-ID: <199805190516.XAA29713@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If you are interested in six meter QRP, keep on the lookout for a MIZUHO 6mtr SSB/CW handheld. Looks like the AEA 10mtr handheld, because its also made by MIZUHO. The 6mtr puts out one watt, the 10mtr 2watts. I have one of each. During band openings they are a handfull of fun. 72 Roy AB7CE

Date: Tue, 19 May 1998 00:38:32 -0400
From: mike czuhajewski <wa8mcq@abs.net>
To: QRP forum <qrp-l@Lehigh.EDU>
Cc: Mike Czuhajewski <wa8mcq@abs.net>, Rev George Dobbs <g3rjv@gqrp.demon.co.uk>
Subject: [11211] QRP banquet speech: a disclaimer
Message-ID: <35610CC8.3F44@abs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those who were at the QRP banquet at Dayton this year, I have a disclaimer: I had no idea what Ade Weiss was going to speak about, and I most certainly had no idea that he was going to drag me into it as a bit player until he handed me a pile of paper just before speaking, which was my script to read from when prompted. I didn't know that it was going to turn into the Ade and Mike Show! And I certainly had no idea it would be so long :-)

You may have noticed a little conference going on at the head table a few moments before he called it quits; it was suggested that I point out to him that he was well over his time limit, I wrote a note to be passed to him, and we were trying to decide who had the nerve to slip it to him :-)

As many of you know, Ade has a PhD in English. After I came to the end

Date: Tue, 19 May 1998 01:39:50 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [11213] Pushing up to 6M with W1FB
Message-ID: <1ccb0804.35611b28@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I don't need a 6M rig. Long ago I converted an old AM TX to CW and I have an attic full of RX converters, but the clamor for a simple route to 50mc led to these thoughts:

Why not use the Doug DeMaw approach? Put together any kind of signal source at 6 or 12 mc and follow with a chain of push-push doublers. Once there, feed it into a diode ring, be it a SBL-1 or even a homebrew. Listen to the decoded audio thru a modern audio channel. In short a direct conversion route to 6M that hits the 12M band on the way. There is actually such a kit in England. Worried about stability? Remember that Roy Gregson described a 10M Neophyte for Hambrew magazine and this is less than one push-push away from that.

Given a signal source at 6M, it is again easy to follow DeMaw into making it a transceiver -- just a little offset is all you need. You can find all the information in QRP Classics or any of Doug's other writings. He would use the push-push for its efficiency and, thinking about him and how he once owned a magazine called the VHFer, I'll bet he would approve of the effort

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Mon, 18 May 1998 23:03:40 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: Paul Christensen <paulc@mediaone.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11214] Re: Norcal 20 Details
Message-ID: <S+GA5EA8ALY1Ewdm@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <006701bd825e\$d68ddd00\$4ea898a9@jaxadmin2-89.mediaone.com>,
Paul Christensen <paulc@mediaone.net> writes
>40M interference? I agree with you if the Norcal 20 was a 40-meter
>transceiver. Isn't the Norcal 20 a 20-meter transceiver? Won't the
>inclusion of a modest 20-meter bandpass filter at the receiver's front end
>take care of 40-meter BC interference, even in Europe?
>

Conditions are much better on 20m.

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Mon, 18 May 1998 23:44:26 PDT
From: traylor@ECE.ORST.EDU (Roger Traylor)
To: qrp-l@Lehigh.EDU
Subject: [11215] Description of my 2N2222 entry de WB4TPW
Message-ID: <199805190644.XAA11245@pal.ece.orst.edu>

Gang,

I was quite flattered and pleased that my entry in the 2N2222 contest went so well. My heartfelt thanks to those who donated the awesome prizes, the judges, NorCal, and all those who work behind the scenes to make FDIH happen. This really made my day! Thank you so much! Only wish I could have been there.

I'd like to give special thanks to Wayne Burdick, N6KR who thought up a really neat contest. It really captured my imagination. It was a great outlet to try out some ideas I've been kicking around.

I also must thank my wonderful wife who encouraged me to do this crazy thing. (See honey, I did it!)

Now, on a less emotional note.....

Doug Hendricks asked me to describe my 2N2222 entry for those who could not be present.

Below I have included the text of what I submitted as my one page design description. Also included are the specifications of the rig. If there is sufficient interest, I would gladly write the project up as an magazine article.

Thanks again,

Roger Traylor
WB4TPW

PS: I called the rig, "NP0" - A New Phasing rig, Version 0
- - -

"NP0" Description

The "NP0" is a 40 meter CW transceiver. Its receiver utilizes the phasing method to reject the unwanted sideband. Maximum power output at 12.6v is approximately 1W. The design uses 21, 2N2222-type transistors. Full break-in operation up to about 30 words per minute is supported.

VFO and Buffer: The VFO design is similar to those described in SSD[1]. A 4.7v zener diode provides voltage regulation for the VFO and varactor tuning circuit. The VFO output is buffered by a two transistor amplifier also taken from a KK7B[2] design and modified for extra output.

Power Splitter and Phasing Generator: Following the VFO buffer, a power splitter divides the signal between the phasing generator and the PA driver. The power splitter and phasing generator are taken from a KK7B[3] article. Fine tuning of the quadrature phase is provided by variable inductors L2 and L3.

Product Detector: The product detectors are formed from a differential pair with the LO injection applied to the constant current source. This common implementation been modified to achieve higher dynamic range by incorporating emitter degeneration resistors and 9mA standing current in the differential pairs. An audio transformer is used for maximum detector gain and matching to the audio phasing networks.

Audio Phasing Network: A passive audio phase shift network[4] was used with an imbedded preamplifier and audio transformers. The center tapped transformers provide 180 degree phase shifts for the networks at the input and

create the difference function at the output to remove the unwanted sideband. A preamp for each channel is included to offset the considerable loss in the phasing network. I and Q channel amplitude imbalance is adjusted out with R63.

Audio Filter and AGC: Main selectivity is obtained with a 7th order, low pass elliptical filter with 850hz cutoff[5] and high pass filter with 300 hz cutoff. Electro-mechanical (relay) AGC is used to eliminate thumps (well, not quite!) caused by the transmitter during keying.

Audio Amplifier and Sidetone: The audio amplifier is another circuit adapted from SSD[6]. It is followed with a homebrew Class A transformer coupled output driver. The sidetone circuit is a phase shift oscillator adapted from the 1995 ARRL Handbook.

PA driver, Keying and PA: The PA driver is the general purpose gain block described in SSD[7]. The 3.3k base bias resistor is used to key this stage. The all NPN keying circuit is adapted from an article in QRPp[8]. The PA stage is adapted from W7EL's optimized QRP rig[9]. It uses two 2N2222's in parallel as the PA.

References:

1. Wes Hayward, Doug DeMaw, "Solid State Design for the Radio Amateur", 1977, pg. 34
2. Rick Campbell, KK7B, "A Small High-Performance CW Transceiver", QST, 1995, pg. 41
3. Rick Campbell, KK7B, "KK7B SPRAT Technical Cartoon #1, A Passive Phase-Shift Network to Cover the Whole Band", SPRAT, Winter 1994/5, pp20-22
4. G.K Shubert, WA0JYK, "Solid-State Phasing-Type SSB Communications Receiver", Ham Radio, August 1973, pp6-16
5. Ed Pacyna, "QRP Reviews - R1 DC Receiver", QRP-L posting
6. Wes Hayward, Doug DeMaw, "Solid State Design for the Radio Amateur", 1977, pg. 223
7. Ibid, pg. 147
8. Steve Webber, "My 2N2222 Rig Design for the NorCal Dayton Building Contest", QRPp, Winter 1997, pp38-54
9. Roy Lewallen, W7EL, "An Optimized QRP Transceiver", QST, August 1980, pp14-19

NP0 Specifications

Power Supply: 12-14VDC

Supply Current at 12.6V 110mA receive, 400mA transmit @ 1W
Frequency Coverage 7.0 - 7.1 MHz

Receiver:

Sensitivity (MDS) -125dbm
Spurious Free Dynamic Range 80db (tested with 20khz spaking)
Receiver Audio Bandwidth 500hz
Peak Audio Response 600-800hz
Opposite Sideband Rejection 30-40db (depends upon audio frequency)
Output 8 Ohm

Transmitter:

Output power 1W nominal, adjustable down to 0W
Keying PA driver keyed, shaping applied, 3-5ms rise and fall
Power Amplifier Two 2N2222
PA Efficiency 50% (yuck!, still using 50 ohm network!)
Output Purity All harmonics are 35 db down from fundamental
SWR Tolerance Don't push it!, Use 50, non-reactive load or run at 500mw

Test Equipment Used:

SFDR test: 2, HP3325B Signal Generators, homemade step attenuating,
homemade 6db power splitter
MDS test: Fluke 6062A Synthesized RF Signal Generator
Power Output: Oak Hills Research WM-1
Output Purity: Tektronix 2756P Spectrum Analyzer
Misc: Tektronix 475 Oscilloscope

Date: Tue, 19 May 1998 00:19:09 -0700 (PDT)
From: Erv <w8erv@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11216] Re: QRP banquet speech: a disclaimer
Message-ID: <19980519071909.22802.rocketmail@send1a.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

In response to Mike's comments on Ade's "lengthy" dissertation, may I say something in his defense? I can tell you that, while Ade may have been longer than anyone intended, as a new member to the QRP community, I was definitely interested in learning the history of our group....and he kept at least my attention.

I found Mike's part in this interesting, because he added something to

Ade's words....he added LIFE to the historical patter, thereby making this stick in my mind alot more effectively.

Yes, by the end, my buttocks were somewhat numb...but this was my FIRST Hamvention where I took in the QRP Banquet and all the QRP things I could...with the exception of FDIM, which I WILL get in next year.

My thanks to Scott, Ade and the multitude that took time to meet me and welcome me to this end of the Hobby. As Ade pointed out, I DO belong now and it will make getting this 13wpm alot easier.

See y'all soon on the bands. I am working on my code.

72/73,
Erv-W8ERV
qrp-l #1569
qrp-arci #(pending)
==

Please visit our Site at <http://www.qsl.net/kb8tnq>

"Dare to Dream-It Sets Your Spirit Free!"

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Date: Tue, 19 May 1998 00:04:42 -0700
From: Dave Fifield <fifield@pacbell.net>
To: marion@montana.com, QRP List <qrp-l@Lehigh.EDU>
Subject: [11217] The Norcal "Zombie"
Message-ID: <35612F0A.31C4@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roy (AB7CE),

Thanks for your great name suggestion for our next project, the NorCal Zombie!!! It's powerful.....the radio that awakens dead bands/operators and puts life into them.....super suggestion!

TTFE,
Dave Fifield, AD6AY

Date: Tue, 19 May 1998 00:35:48 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [11218] Dayton & FDIM
Message-ID: <Pine.SOL.3.96.980518235335.10950B-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

What a super time I had! If only I could remember each and every person and rig I saw! :-)

Overwhellming (sp?) has to be the word that says it all.

I only did the outside thing once. Made it to Far Circuits and got a few boards. And guess who was already there.... yep, Mr. Doug!!

It was so hot that I found a nice shade tree and stayed there until it opened inside. You need to understand that when I left Reno at about 6am Wed, it was snowing and we had to be de-iced before take off. Dayton must have been at least 85-90F and 100%RH! I never did stop sweating.

There was so much to see and so many people to meet. I enjoyed every minute at the booth. What a super bunch of people you folks are. I thank each and every one of you that took the time to say "hi" and also for the nice comments about the Quarterly. Just be sure to always remember that the Quarterly is the work a many, not me! I'll pass along all the thanks to the whole crew.

We got back to the room just in time to go out and eat! Then help set up for the FDIM presentation in the AM. About 170 people made it there and this was a Thursday!! Great job by all.

After dinner it was time to see all the new rigs and many of the home brewed rigs. Denny, N9JXY had that lunch box rig that was on the cover of the April issue there. Wow, what a fine job he did. It looks like something you would buy in a

store!!

Then it was back to the booth and before I knew it, it was time for the banquet! About 240 people were there and that was after having to turn some away! The room was FULL!

I even survived the Ade & Mike show.... :-) But it was really a great overview of the history of the ARCI.

Then it was time for the vendors night. And what a night it was. I really loved seeing the full featured rigs showing up. There will be at least 5 on the market before the end of the year. One is already shipping!

These are NOT \$100 radios but are full featured QRP all band radios. This is something that has been missing for a long time. And they are in kit form to boot!

It seemed that everyone had something new and exciting to show. Keys, paddles, keyers, big rigs, little rigs and just about anything else you can think of that QRPers want! Even a log book!!

Next thing I knew it was back to the booth! Long talks with the ARRL. There will be a proposal made to the right people to see about changing their 5w PEP for SSB QRP to 10w PEP to be the same as the rest of the world!! There is a good chance that this will "fly". (Thanks Zack Lau and Billy Lunt).

QRP/DXCC "feels" to me like it might be getting closer. They didn't seem to defend their position with as much bravado as they did last year! Keep those cards and letters going to them!

Then it was time for the NorCal building contest. I didn't even go to dinner. I just got a little nap first!

I am always surprised by the things people build. This group of QRPers has some very sharp people in it! Congratulations to all. And thanks to NorCal for the idea. I remember the first one. It was a blast, but nothing like what it is now!

Thanks also to the ARRL & Rick Lindquist for being there with the camera. Watch for the pictures in an upcoming issue of QST. He said that he was really impressed with the people and what is being done.

And speaking of QST, I got a June issue and once again, there

is a lot of QRP coverage!

All too soon it was Sunday morning. Out to the booth for the last time this year. I did take the time to retrace many steps and say good by to as many of my friends as I could.

Was everything perfect? No. (If it was it would scare me!!)

Did I have a good time? You bet!

Am I glad I went? You bet!

Everyone should go to Dayton at least once.

I'm already looking forward to Oct and PacCom!

Sorry for using so much BW, but it's just too exciting to not talk about it!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 19 May 1998 01:49:59 -0700
From: Tomer <t-ranch@humboldt1.com>
To: qrp-l@Lehigh.EDU
Subject: [11219] NorCal 20
Message-ID: <3.0.5.32.19980519014959.007a9510@humboldt1.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi, all,

What a great choice of freq. for the new NorCal rig. As Bob Locher said in his great book, 20 meters is the "Queen of the DX bands" and it deserves this new, upscale QRP rig to be designed for it. I, also am hopeful that I will be one of the lucky ones to purchase it. 20 meters always works, year in, year out, sunspots or not. As the new cycle improves

conditions, it will often be open all night for world wide DX possibilities. Often it will provide us with extremely strong short skip. Some of my best times on radio have been on 20 during short skip, ragchewing with stations a few hundred miles away, sort of like 75, but with very little noise and qrm. How many times have you started a qso on 15 or 10, only have the other station fade into oblivion? Doesn't happen so often on 20. The first time I hooked up a 20 meter qrp rig to an antenna (MFJ 9020 + Hamstick, in my travel trailer) and called CQ, Ade, W0RSP answered my call. We had a nice chat. It doesn't get any better than that.

73, Randy W6RA

Date: Tue, 19 May 1998 11:31:18 -0700
From: Stefan Bauer <bauer@student.uni-kassel.de>
To: qrp-list <qrp-l@Lehigh.EDU>
Subject: [11220] NORCAL20 only for norcal members?
Message-ID: <3561CFF6.27AA0D55@student.uni-kassel.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi,

a bunch of german qrpers are rising there hands up for the new norcal20. SO, do i have to be a norcal member to get on the orderinglist?

maybe a silly question, but worth asking.....

-- tn timer steve

=====

AX25: dl1fdf@db0vfk.#hes.deu.eu | dl-qrp-ag GM |g-qrp 8769 |qrpl 252
|ARS
e-mail: bauer@student.uni-kassel.de | 72 de steve DL1FDF -- DL/VY1QRP
=====

Date: Tue, 19 May 1998 11:28:30 -0700
From: Stefan Bauer <bauer@student.uni-kassel.de>
To: qrp-list <qrp-l@Lehigh.EDU>, russ@natworld.com

Subject: [11221] JUNE SP SPRINT & calling CQ SP
Message-ID: <3561CF4E.9BFA8B91@student.uni-kassel.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi all spartan sprinters,

isn't it a bit wrong to call CQ SP for calling stations that participate in a contest?

for me SP is still the prefix of poland and i will confuse hams from sp-land when they hear my call.

so hopefully we will not have short skip condx on 20m on the day the sprint is.

tnx for keeping me informed what is next....

-- steve

=====

AX25: dl1fdf@db0vfk.#hes.deu.eu | dl-qrp-ag GM |g-qrp 8769 |qrpl 252
|ARS
e-mail: bauer@student.uni-kassel.de | 72 de steve DL1FDF -- DL/VY1QRP

=====

Date: Tue, 19 May 1998 06:04:37 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: ARDUJENSKI <ARDUJENSKI@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11222] Re: FEEDLINE ARTICLE
Message-ID: <Pine.GS0.3.96.980519055056.3401D-1000000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Alan,

Always appreciate kind words--whether deserved or not. Actually, what I hope folks will do is go beyond the article. For example, perhaps after looking at the feedline article, one might visit W6RCA's site and analyze the methods he uses--not everyone is set up to repeat them, but they offer an example of the fact that once one masters the basic concepts, one has a much larger collection of options at hand.

Or, one might get a copy of VE3ERP's HAMCALC and run some exercises on a number of the software utilities there that are related to feedlines (and there are more than just the couple noted in the article). (Actually, the BASIC program for the feedline analysis in 5-degree steps is also available separately in another note at the site.)

Incidental note for those interested in link-coupled tuners. Spoke to a manufacturer who has a design in hand: the hold up is essentially the difficulty of having parts manufactured for it. There may be enough air variables and coil stock around for individual projects, but getting lots of the stuff means today starting from scratch and either making it or arranging for another company to make it. However, I did not see the design itself, so I do not know if it will be one that is just barely good enough or one that is superior to the Nth degree. Of course, I am hoping for the latter.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)(423) 974-7215
1434 High Mesa Drive	/	\	\	----	/\	----	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX)(423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
QRPARCI 2572	G-QRP 7203	CQC 125	NEQRP 347	NORCAL 1111	MIQRP 1432		
NWQRP 401	ARRL Life: Technical & Educational Advisor					10-10 41159	
QCWA 13211	scQRP 28	AK/QRP 343	CW Ops QRP Club (VK) 476	FISTS 2600			
http://web.utk.edu/~cebik/radio.html							

Date: Tue, 19 May 1998 07:23:16 -0500
 From: ac5ez@webtv.net (Larry B)
 To: qrp-l@Lehigh.EDU
 Subject: [11223] Norcal 20
 Message-ID: <199805191223.FAA13727@mailtod-122.bryant.webtv.net>
 Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
 Content-Transfer-Encoding: 7BIT
 MIME-Version: 1.0 (WebTV)

What Norcal decides to do is their affair but i appreciate their efforts . There are many hams in the USA who are casual operators , as I am, and who do not have any type of 20m monobander qrp rig and who are interested in all types of qrp rigs. For us (the casual , part time

operators) there is no such thing as another 20m qrp radio.
Larry Ac5ez

Date: Wed, 20 May 1998 07:39:38 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [11224] Worked first fox
Message-ID: <199805191240.HAA05759@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi,

Picked up my first fox last night on Ten Meters... KI0II in Littleton, Colorado. I worked him on 28.060. Also heard some beacons. Don't forget to check 10 meter CW once in a while. Rig is an Icom 706 and R5 vertical or 280 ft loop... 5 watts. Hope to see you on Ten.

Kelly Ellison
WB0WQS
QRP-L #702
Aurora, Missouri
The Summit City of the Ozarks

Date: Tue, 19 May 1998 08:44:50 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11225] Operator's opinions - 6m gear
Message-ID: <Pine.LNX.3.95.980519083514.23415C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I will add that the Ten-Tec xverter works off the OUTPUT PORT of your radio. This means that, unlike other transverters, which come out OFF the

driver (instead of the final) on TX and past some of the receive circuitry on the way back in, these units are NOT optimal.

Something like a Microwave Modules or DEM until will perform better, with a lower noise figure.

However, by using a QRP rig, you can avoid having to run your radio at super-low power (through the final), as you have to do with the 1208.

I've personally driven a 1208 with an OHR Explorer II as well as a Sierra, a HW-9, and even my Alinco DX-70T (when I had one - and it does 6m!).

DO NOT neglect 6m CW, and don't forget that CROSSMODE CONTACTS ARE PERFECTLY VALID UP THERE! Many times I've run on the order of 5 watts with a 6m dipole and gotten through the SSB pileup merely by BEING a CW station - the only one - calling!

In this respect, IT IS ESSENTIAL that a QRP CW 6m rig RECEIVE CW ON THE UPPER SIDEBAND!!!!

ON HF, WE ARE USED TO WORKING CW ONLY WHEN CALLED IN CW. FORGET ABOUT THIS ON VHF+, FOLKS! The CW-ONLY band is up to 50.100, but I've worked lots of CW (people switch back and forth as conditions require) all the way up to 50.200. The "way of doing things" on VHF+ is very different.

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

On Mon, 18 May 1998, Jim wrote:

> I wanted to throw in my 2c about the need for more QRP activity on 6M,
> and shortage of kits for that band.
> I sent email to one or two of my favorite kit providers gently
> suggesting they offer a kit for 6 with a couple watts CW. Perhaps others
> have done the same and soon we will see something come around from
> Benson NN1G kits, NorCal or others.
> Until that time, the Ten Tec 20M > 6M XVTR seems the best way to go -
> I'd much rather not have the extra connections using an xvtr brings
> into the game. Lets get more QRP'ers on 6M and "vote with your fists"
> and the kit makers will follow. Sound reasonable?
> 72/3'z de Jim - AR QRP #2
>
>
>

Date: Tue, 19 May 1998 08:47:14 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [11226] Homebrew v. Kitbrew: inverse rule
Message-ID: <252a43ed.35617f53@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I brought some of it back from Dayton; real homebrew radio equipment in its shocking informality. A hayire here, no two knobs alike and such innovations as a reduction drive made from a mayonaise jar top. Ain't it great?

Whoever did this stuff learned something, but more importantly, they KNEW something -- the inverse rule of home constructed radio: The more commercial it looks, the less value it has.

I do not speak of monitary value, as real homebrew equipment can regularly be bought for less than the value of its parts. I speak of value to the builder; of things learned. When you find the ground loop, not Wayne Burdick's spectrum analyzer, you learn something and have something to discuss other than which knob looks best with a CAD front panel for a Norcal N where $N=0\text{-inf}$.

When you build a kit you are like my 13-year-old kid. You follow the crowd trying to be different like everyone else. It is a stage with him, I hope, but a tragedy in the low power movement. We benefit far more from one scratch built Neophyte than from a carload (BMW no doubt) of Sierras.

But it is not too late. It is never too late. Since none of the kit sellers want to get into the 6M business, why not cobble up your own? Build it after dark on a pine board and put it under the seat of the Cherokee where your friends won't see it, but give it a try.

How will you know if you are getting it? Simple. The first time you build something without a commercial PC board, you are free.

73 de ab5L, michael in dallas, whose HB RX with self wound DBM will be in the trashpile before he is in the ground..

Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Tue, 19 May 1998 08:44:13 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [11227] Re: Norcal 20
Message-ID: <001401bd8323\$d4ceab50\$5e1205d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ted,

While I feel the same way you do, I am sure that is not the reason behind it.

73 de Vince, VE3VFN.

From: Ted Kell <tedkell@juno.com>
>those with NC20s. I think I don't really want personal gratitude from
>someone that has so little when I have so much.

Date: Tue, 19 May 1998 09:18:58 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [11228] Re: 6M transverter VS 6M transciever (cw)
Message-ID: <356186C2.49AE@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use both a homebrew 6M transceiver (based on KK7B's R2/T2)
and a 2M IF 6M transverter. The 2M IF makes it quite easy
to get on 6M FM. Zack W1VT

Date: Tue, 19 May 1998 09:17:15 EDT
From: MNHopkins <MNHopkins@aol.com>
To: qrp-1@Lehigh.EDU

Subject: [11229] 6M Neubeck book back
Message-ID: <fe2e3a74.3561865c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I stured up some attention over on the 50mhz reflector, which is run by the new 6M club at www.6mt.com, and finally connected with Ken Neubeck who wrote a book on 6M in '94 or so and spoke at Dayton. Here is what he says:

xx

The new book has 16 more pages and 30 more photos from the original edition to give a total of 96 pages for the same cover price of \$12. This was a major goal for me where I wanted to increase the material without raising the price. There is additional information on some of the new radios that are out as well as more photos and ads of vintage radios. In addition, there is a brand new chapter which describes the internation scene for Six Meters. I have a few more circuits in this book, including the layout for a one Watt beacon.

If a ham enjoyed the original edition, he would probably want this revised edition because it is an even better book. The first version was a breakthrough situation and the second version is more complete as I was able to get more inputs from hams on Six Meters. As far as I am concerned, Six Meters represents many of the good things about ham radio and it is a good representation of the amateur spirit.

xx

Synopsis of my remarks at Dayton:

xx

I was supported by Frank Moorhus, AA2DR, and we gave a basic presentation on Six Meters, covering propagation, equipment and DXing. Much of the material presented followed the same order of what was written in the book.

I was very happy to finally make it at Dayton and for the opportunity to speak about Six Meters. I was very pleased at the turnout for the talk. Both Worldradio and CQ VHF were present at the talk and we were able to sell the Six Meter book at reduced prices and hand out sample issues of CQ VHF to those present at the talk. There were many good questions from the audience including the calling frequency proposal, QSLing and DXCC status on Six Meters. You can't get much better than Dayton for reaching the most hams and spreading the word about Six

Meters!!

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Please look for me on Six Meters this summer. I monitor 1600 to 1700 daily as well the late afternoon and evenings.

All of the best and 73,

KEN WB2AMU

*****Infurentially, the new book must come from the same place as the old: Worldradio, the newsprint magazine. I am going to get a copy.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58

Michael Hopkins

Box 226841

Dallas, TX 75222 MNHopkins@AOL.com

Date: Tue, 19 May 1998 08:24:13 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [11230] Maybe I missed something....
Message-ID: <9805191323.AA16634@uahis1.uah.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

How does NORCAL donating rigs to the third world because they feel it's the right thing to do prevent someone else from donating rigs to U.S. schools because that person feels that is the right thing to do?

It's true that U.S. kids can't afford ham radio equipment. They don't have any money left after buying cars, gasoline, stereos, computers, videos, CDs, fashions, beer, concert tickets, movie tickets, video games....

73 Bryan W8LN

Date: Tue, 19 May 1998 09:14:12
From: Roger Braker <msebrakr@telepath.com>
To: qrp-1@Lehigh.EDU
Subject: [11231] 6 meter stuff
Message-ID: <3.0.1.16.19980519091412.3ba711e2@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,
Check out <http://www.intio.or.jp/jf10z1/> for lots of stuff about 6 meters.
There are PA's and a few complete xcvs.

73,
Arnold kd5ckh

Date: Tue, 19 May 1998 09:15:53 -0500 (CDT)
From: "Phillips Richard" <phillips@msoe.edu>
To: Bob Hirsch <bobh@p3.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11232] Re: NORCAL FLOP
Message-ID: <Pine.OSF.3.96.980519091454.19677A-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I positively aint' gonna buy no Norcal stuff. Who's negative?

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

Date: Tue, 19 May 1998 08:39:18 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Cc: ke6vhm@earthlink.net
Subject: [11233] Adventurer/QRP'er Sightings on PCT?

Message-ID: <199805191539.IAA14650@usr08.primenet.com>

Howdy Folks,

Has anyone made contact with Gody (AC6UV), our truly foot-mobile QRPer yet? He's the fellow who's just started hiking the length of the Pacific Crest Trail (PCT), all 2665 miles of it, from the Mexican to Canadian border.

(Man, talk about *jealous*! I've sworn to myself I'll do it some day...)

Anyway, I thought it'd be neat if some of us could start keeping tabs on him and maybe keep an online map with his progress. Maybe the ARS Critters could host the page? Can't get much more adventurous than that, after all! :-)

Once my schedule eases up in a month or two, I'd be willing to create the map and keep it updated, assuming someone isn't already doing so.

Frank (KE6VHM), is the schedule still Saturday mornings at 15:30z on 7.040+-?

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."
- Dave Rose, Fellow Snow Camper

Date: Tue, 19 May 1998 11:58:25 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [11234] Re: FDIIM
Message-ID: <Pine.LNX.3.93.980519115311.746E-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 18 May 1998, Kenneth W. Evans wrote:

> Scott did a great job on the banquet, but he did not coordinate the
> lodging. That special task was handled by Hank (K8DD) and Buck

Depends on where you stayed :) If you were in the hot, humid, waterless,
DIS it was K8DD. If you stayed at the cold, coffee deprived, iceless
Motel 6 on the other side of 75 it was NF3I. Many thanks to both of them,
it's much better than sleeping in my truck !! It does sound like
accomadations are poor, but we all had a great time...

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Tue, 19 May 1998 12:07:55 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <ccart@dns.vidtel.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [11235] Re: FDIM
Message-ID: <00a001bd8340\$4b393d70\$5e1205d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now we know how people manage to stay up 22 hours a day while in Dayton,
wish I was there. :))

73 de Vince, VE3VFN.

From: Chris Cartwright <ccart@dns.vidtel.com>
>If you were in the hot, humid, waterless,
>DIS it was K8DD. If you stayed at the cold, coffee deprived, iceless
>Motel 6 on the other side of 75 it was NF3I.

Date: Tue, 19 May 1998 12:21:32 -0400 (EDT)
From: n4js@pobox.com
To: qrp-l@Lehigh.EDU
Subject: [11236] QRP Afloat

Message-ID: <XFMail.980519122132.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Took the "Dan's" NW30 out on the boat yesterday to give it a try. Worked great with the SLV vertical. Believe it or not, I got 2 "599" signal reports, one from IN and one from GA. Band seems lousy, though. Very few signals, and lots of QSB (this was around 11AM-1PM EDT). The signals that were there were pretty strong.

Next week, I will be operating from the DE side, so listen for N4JS/M (not /MM until in International waters, and I know the nit-pickers would jump on that!!!)

Sent at 12:21:32 on 19-May-98

John L. Sielke n4js@pobox.com
| \ | | | | _ | | / _ | n4js@qsl.net NJ Grid:FM29LN
| . ' | | _ | | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
| _ | \ | | _ | \ _ _ / | _ _ / QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Tue, 19 May 1998 11:30:23 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Vincent Ferme" <vferme@sprint.ca>
Subject: [11237] Re[2]: FDIS
Message-ID: <0007F454.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang,

I've never been to Dayton, but it is on my all time wish list. Some day soon.....

However, I've been reading the same type of reports over the last few years:

DIS - lousy condx, no A/C, no ice, etc.
Motel - ditto, ditto, yada, yada, etc.

Now I wouldn't be expecting Ritz-type accommodations, but come on! These hotel owners have a year to fix the problems that our brethren report on each

year. Every year, give me a break.

To me it's inexcusable for these business people to not have basic, comfortable living condx for the annual Dayton mecca.

I suppose it's part of the "charm" of going to Dayton, but it's pretty sorry to hear about.

Excuse my rant, sorry if I offended anyone.

73 de Dave, NR3E
looking forward to HamCom

----- Reply Separator -----

Subject: Re: FDIM
Author: "Vincent Ferme" <vferme@sprint.ca> at smtpink-dl
Date: 5/19/98 12:07 PM

Now we know how people manage to stay up 22 hours a day while in Dayton, wish I was there. :))

73 de Vince, VE3VFN.

From: Chris Cartwright <ccart@dns.vidtel.com>
>If you were in the hot, humid, waterless,
>DIS it was K8DD. If you stayed at the cold, coffee deprived, iceless
>Motel 6 on the other side of 75 it was NF3I.

Date: Tue, 19 May 1998 09:46:00 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: David Kreinberg <kreinbd@ccgate.dl.nec.com>
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [11238] Re: Re[2]: FDIM
Message-ID: <Pine.SOL.3.96.980519093647.12404E-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave,

I feel the same way.

But.....

In talking to others at the airport while waiting a few hours for my plane I found out some interesting things....

It seems that it's not at all unusual for many of the motels in the Dayton to have these troubles. A/C not working, hot water running out, peeling wall paper and other such things.

And this was from a few QRO folks that were staying in other motels/hotels in and around Dayton.

Contrast that with the West Coast and my 2 trips to PacCom at the Hilton. Same prices but super rooms! Everything worked. Seems that maybe the Eastern half needs to see how the West does things.

I'm from Reno and am spoiled silly! Here you can spend your time being treated like a King for about half price!! Not counting the gambling bill..... :-)

The room guys from the ARCI are working on the problem to see what can be done.

Even with the problems we had, I still enjoyed the trip and wouldn't let that keep me from having fun!

After all, I was dripping wet all day long. Why would I want to jump in a shower a get wet all over again? :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 19 May 1998 09:54:21 -0700
From: "L.Svec,W.Burdick" <svecbrdk@well.com>
To: qrp-l@Lehigh.EDU

Subject: [11239] K2 xcvr at K5F0 dinner tonight
Message-ID: <v03102803b187699a39bf@[206.169.227.153]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There will be at least one painted/silkscreened K2 at the pizza party tonight. See you there--

Wayne
N6KR

Date: Tue, 19 May 1998 12:51:30 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: David Kreinberg <kreinbd@ccgate.dl.nec.com>
Cc: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [11240] Dayton accommodations
Message-ID: <Pine.LNX.3.95.980519124222.24773A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I didn't stay at the Days Inn. Reports were that there was, for a large part of the hotel, no hot water and no A/C. These reports are similar to those I've heard in the past. Management, in the words of a few people whose opinion I tend to trust, is "quite incompetent."

At the Motel 6, N3XRV's report was mainly sarcastic. There was ample hot water (to the point of scalding), the A/C worked VERY, VERY well (except for the one unit somewhere in the building that decided to start smoking, leading to a 45-minute fire alarm right in the middle of the last Seinfeld episode), and the ice machine was basically well-behaved. Sure, the three of us only had one key for the room, but...

For the 5th year in a row at the Motel 6, the motel REFUSED to raise rates on account of the Hamvention. The practice of raising the rates for Hamvention weekend is an accepted practice. If anyone wants basic accommodations for pretty cheap, the Motel 6 works.

BTW, they have free coffee in the mornings, but the pot they make doesn't go very far. At any rate, I started staying at this hotel in 1994 and found it completely by accident, unaware that it was anywhere near the QRP hotel because I was at that time unaffiliated with any QRP events, ARCI, G-QRP, or anyone else for that matter.

They're 1/2 mile apart. Pure luck!

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Tue, 19 May 1998 18:03:13 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Subject: [11241] Pizza Alert
Message-ID: <199805191703.SAA22251@chuck.dallas.sgi.com>

Gang,

Sorry for the late posting, but email is not
easy for me to get to this week.

There will be a pizza meeting tonight, Tuesday,
May 19th in Mt View CA at the usual place on
El Camino.

Doug Hendricks will be driving in from Dos Palos,
so let's all show up and see the goodies he got
at Dayton and stay up late talking about it. I'll
buy the sodas and one XL pizza.

For those getting the digest, sorry. It comes with
the territory.

Say 6:30 pm PDT.

de K5F0/6

Chuck Adams K5F0 Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Tue, 19 May 1998 12:14:21
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU

Subject: [11242] Re: NORCAL FLOP
Message-ID: <3.0.3.16.19980519121421.22d7d5e8@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I really hate to comment on this thread as it does nothing but help perpetuate it. It's interesting to see how it all started with a relatively innocent comment, then got twisted and took a life of it's own, as usual.

It sounds like the NorCal 20 will be the last mass produced kit offered by NorCal unless some others step in and try to fill the shoes Doug and Jim have worn for the last few years. It's my guess the soles on those shoes are getting pretty thin.

It's hard to imagine just how many thousands of hours Doug and Jim have selflessly put into producing these enterly level kits, for no reward other than the satisfaction of knowing they were providing an invauleable service to the qrp community. (big round of applause)

It's also hard to imagine anyone else stepping up to take over the job Doug and Jim have done, but we can only hope that there are a few more selfless and dedicated individuals who will.

BTW, When I sent in for the paddle kit, I threw in a couple of extra bucks and told Jim to buy himself a beer on me. He told me he always puts any extra money people send into the Norcal operating account, but since I specifically told him to buy a beer, that's what he did. And after lugging 10,000 lb's of paddle kits to the post office, I'm sure he needed one :-)

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Tue, 19 May 1998 10:39:56 -0700
From: "L.Svec,W.Burdick" <svecbrdk@well.com>
To: qrp-1@Lehigh.EDU
Subject: [11243] re: Homebrew v. Kitbrew: inverse rule
Message-ID: <v03102804b18769d046a2@[206.169.227.153]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>...the inverse rule of home constructed radio:
>The more commercial it looks, the less value it has.

Come ON, folks--not this again. This an elitist generalization that

disregards the needs, values, and skills of a wide range of participants in our hobby. It accomplishes nothing other than the raising of lots of dust. It's also territory that has been covered many times already on this list (thankfully, in a less hostile fashion).

>When you find the ground loop, not Wayne Burdick's
>spectrum analyzer, you learn something...

Did he really need to get personal with this?

Nothing that I do, or that my colleagues who design kits do, is going to stop someone with a bent towards engineering from probing deeper and eventually self-actualizing in the field. It's just a ridiculous argument. (And perhaps a subsidized one? Certainly the author has nothing to show for it otherwise.)

Give me a break. Would I refrain from trying my hand at cooking just because I ate great food prepared by a world-class chef? No: I would be inspired to stock up on spices and try my own variations. Would I never pick up my guitar again having just been to a great concert by a favorite guitarist? No: I come home eager to hop on my four-track home studio and create.

For many people, particularly those who have just gotten involved in ham radio, kits provide an introduction to the theory, practice, art, and aesthetics of radio design. I can't tell you how many letters and phone calls I've had from people who had never picked up a soldering iron, yet they (or their 12-year-old son or daughter) were able to build a NorCal 40A or SST or Sierra and get on the air. Many of these individuals discover their own abilities and interests through kit building.

I'd bet that a survey of engineers on the list would show that many of them got started in their careers partly *because* of the kits they built.

I certainly did. Perhaps Mr. Hopkins did, too.

Wayne Burdick
N6KR

Date: Tue, 19 May 1998 10:39:04 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@Lehigh.EDU>

Subject: [11244] K5FO Pizza & HoF
Message-ID: <01bd834d\$04b170e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Pizza tonight at the Round Table Pizza in the shopping center at the corner of 237 and El Camino Real in Mountain View, CA. 6:00 PM. The purpose is to present Chuck with his QRP ARCI Hall of Fame Plaque. He was unable to attend Dayton this year, and his plaque will be presented tonight. Come and join us if you can. Dave Fifield will have the NC20 there, Wayne Burdick will have the K2, and I will have a couple of things that I brought back from Dayton.

Date: Tue, 19 May 1998 18:43:08 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: MNHopkins@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [11245] Re: Dayton in the sunlight/shadow
Message-ID: <199805191743.SAA22521@chuck.dallas.sgi.com>

Mike et.al.,

Come on gang. The list is unmoderated and we are trying to keep it that way.

The 2,500+ people that read this list know who the personalities are and realize the politics as usual business goes on and on. We try to keep out of the way and hope that the periodic threads die.

The statement "a fact missed by QRP-Ls new censors" is an unwarranted attack at me and Jim E. and is uncalled for and untrue. We stopped a couple of nasty things that were about to get out of hand, so let it lay and let's get on with QRP activities.

A person is presumed innocent until they post a couple of times with the same flame war.....

So a few people start rumors and innuendos that this group has become a moderated group. This is not true. We did one days worth to stop the nasties. Don't start

them up again, please.

Has it gotten to the point now that anyone that posts is going to be shot at for trying to do some good? I sincerely hope not. The acidic type posts attacking a project or individual with assumptions that have no basis of fact are unwarranted and really unneeded.

The situation is like this. QRP-L has a reputation for having a high S/N ratio with few flame wars. It can only remain this way for so long IMHO. It is like a nice quiet civilized party. There are those that get invited late in the game or show up on their own and want to bring attention to themselves in a negative way. It can't be helped. So life goes on.

Can we try to keep politics and mud slinging out of it? Think before you post should be the motto of the day.

FYI

Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Tue, 19 May 1998 10:49:28 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@Lehigh.EDU>
Subject: [11246] NorCal Mass Produced Kits
Message-ID: <01bd834e\$785eac00\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve is partially correct. NorCal will no longer produce unlimited runs of kits. All of our kits from now on will be in finite runs. The NorCal 20 will have 1000 kits done, 500 to sell and 500 to give away. There is a huge price break when you get to 1000 units. If we only kitted 500 to sell, they would have had to sell for about \$65. We are limiting the number of kits in a run for a couple of reasons, but the primary one is that Jim and I cannot keep up the pace of doing 2000 of each kit that we do. What has to happen is that you will need to make a quick decision. Kits won't be available for several months as the 49er, 38 Special, and the K8FF Paddles. When they are gone, they are gone. We will continue doing kits, but they will be limited to a single run. Don't worry, NorCal will not stop doing kits. 72, Doug,

KI6DS

Date: Tue, 19 May 1998 11:18:44 -0700
From: Andy Fox <foxes@theriver.com>
To: svecbrdk@well.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11247] Re: Homebrew v. Kitbrew: inverse rule
Message-ID: <3561CD04.95A81C74@theriver.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Wayne,

Thank you for your post to QRP-L. You nailed several points perfectly.

I am one of those people who is very happy to build kits. I'm learning quite a lot in the Elmer101 project. My ultimate QRP goal is to design and build my own radio from scratch, but I'm not there yet. Kits are a logical way to get from where I was to where I'm going. I have a 40m radio, a watt meter and two tuners as a direct result of people making kits available. I'm planning to purchase a K2 at the end of the Summer, and am looking forward to building it already. I like kits.

The beauty of this hobby is that hams can choose to:

- 1) Spend as much as they want on brand new, state of the art gear.
- 2) Be thrifty and buy used gear that works well.
- 3) Build gear from kits.
- 4) Build gear from scratch.
- 5) Whatever else floats their boat.

I don't see how any of these options are better than others - they're just different.

I got started in engineering because I wanted to know why an LED blew up when I connected it to a car battery.

--

72/73 de Andy, KK7HV - QRP-L #1286 - Benson, AZ

Date: Tue, 19 May 1998 19:28:18 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: qrp-1@Lehigh.EDU, gqrp-1@blacksheep.org
Subject: [11248] Web site
Message-ID: <E0ybr81-0006kg-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

New additions include
My shack (yes it's always neat and tidy!)
<http://www.homeusers.prestel.co.uk/g3ycc/myrig2.html>
My newly built WM2 OHR wattmeter (fabulous!)
Pictures taken with Sony FD7 digital camera.
You will check into my guest book won't you?!

--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Tue, 19 May 1998 10:32:42 -0600
From: Kory Hamzeh <kory@avatar.com>
To: qrp-1@Lehigh.EDU
Subject: [11249] Going to kh6...
Message-ID: <3.0.5.32.19980519103242.00aadc70@ns1.avatar.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Everyone,

I will be going to maui for a week in June. I want to take some ham equipment with me there. Unfortunately, I sold my Sierra in anticipation of the K2, but the K2 will not be ready by then. I plan to take my Icom IC-706 and a switching power supply. We will be staying at a time share condo, but that's all I know.

Can you experienced mobile ham-ops let me know what else I should take with me? I'm thinking of purchasing the Icom AH-4 auto tuner also. I will probably have to use some sort of random wire antenna. Don't know anything about ground though. I do know the condo will have a balcony.

Any ham radio stores on Maui?

Any help would be greatly appreciated.

Kory
AC6RN

Date: Tue, 19 May 1998 14:47:22 EDT
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [11250] COLLECTION OF ANTENNA DISCUSSIONS
Message-ID: <10fba67e.3561d3bb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Some great info in these older discussions on antennas, feeds, and matching.
<http://www.qsl.net/~wd8rif/text/bkpk2.txt>

Alan KB7MBI

Date: Tue, 19 May 1998 11:50:13 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@Lehigh.EDU>
Subject: [11251] EPS-1 Debuts at Dayton + G3RJV 6 Pack
Message-ID: <01bd8356\$f56e13e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, one of the neat things that I found at Dayton this year was the Essential Power Supply kit from the guys at Embedded Research, Gary Diana and Brad Mitchell. I walked up to their booth early Friday and said, "Ok guys, what's new this year".

Brad proudly showed me the EPS-1, and it is really neat. I looked at it and it hit me like a ton of bricks. Here is a way to get 13.8 volts out of a 12V Gel Cell!! HEY, even a 6V gell cell. Have you ever noticed that at all the flea markets that the 6V cells are plentiful and cheap, while they

usually want top dollar for the 12V ones? Embedded research has done it. The basic kit is set at 12 Volts out, but there is an option for a variable power supply. I bought the kit with the thought that I would find a digital meter, and have a neat way to run my rigs at 13.8 V.

On the plane ride home I was reading the proceedings from FDIIM, provided to me by Ken Evans, and I was looking at George Dobbs' Six Pack. Guess what one of the projects is in the 6 Pack? IT is a voltage monitor!! Uses a LM3914, 2 resistors, and 2 trimpots, plus 10 LEDs. You can set it up so that the 1st LED is at 10 V, and have it go up in 1/2 Volt steps. George even suggests using different colored LEDs to let you know when you are out of the safe range. Hey, what if I used 9 Red LEDs and a Green one for 13.5 V? Red would be at 10, 10.5, 11, 11.5, 12, 12.5, 13, Green for 13.5, Red again for 14, 14.5. Then, when I put the 6V gel cell on the EPS-1, all that I have to do is adjust the pot until the green LED lights!!

Last night, I started building the kit. I did the 6 Pack Voltage Monitor first. Piece of cake, all that is left is to mount the LEDs, but the LM3914 and the resistors and trimmers are in. Small board, don't have it with me, but it measures 1.5 x 2" maybe.

The Six Pack is a series of 6 simple projects that was designed by George Dobbs and Kanga US I believe has some of the left over kits. Bill Kelsey can give you the pricing information for the full kit, or the board and manual. I am doing this from memory, but I believe there is a rf probe, crystal checker, simple transmitter, simple receiver, voltage monitor and SWR bridge, all on small boards that are routed and left hanging by small bits of board and snap right out. 6 kits in one, hence the name, "6 Pack". George gave a presentation on it at FDIIM.

I went to Embedded Research's home page and downloaded this info.

Embedded Research is pleased to offer the EPS-1, the Essential Power Supply kit. The EPS-1 was designed to accept a DC input voltage ranging from 2-16 volts, and output 12 volts DC. The EPS-1 is perfect for running electronics equipment which requires 12 volts to operate, from sources of less than 12 volts. For example, you could run a 12 volt light or radio from a combination of 4 "D" cells (6v). The EPS-1 is capable of supplying 12 volts DC at a current level of 0.5 Amps, over a voltage range of 4-12 volts DC.

Features:

Inputs of 2-14v DC converted to 12v DC with high efficiency

Fused input helps protect against over-current situations

Can supply 0.5 Amps @ 12v DC under continuous load

Surface mount kit comes complete with all the parts you need to get the EPS-1 operational in one evening*

Uses:

The EPS-1 is perfect for emergency use, where getting the exact number or type of batteries may not be possible.

Can be used to operate 12v DC devices, even when the power level of the supply battery drops below 12v

Can be used to power 12v DC devices with a variety of sources. For example, 4 "D" cells in series (6v) can be used to supply 12 v DC. Likewise, 2 "D" cells in series (3v) can be used to supply 12v DC as well. Remember, the Amp-Hour rating of the supply battery needs to be considered when estimating their life. That is, 2 "D" cells (3v) used to make 12v DC will not last nearly as long as 4 "D" cells (6v) being used to power the same device with the EPS-1.

Take the EPS-1 on trips and buy the batteries when you get to your destination - no need to lug around heavy batteries!

Use the EPS-1 to squeeze the remaining energy out of the alkaline cells you would normally throw away!

Building the EPS-1

Yes, the EPS-1 is a surface mount kit, but don't be alarmed! The parts used are not all that tiny, and there is plenty of room on the board to maneuver a soldering iron. If you want the challenge of surface mount construction, we highly recommend you try the EPS-1 kit. If you like the EPS-1, but do not want to build it yourself, built-up EPS-1 boards are available.

The EPS-1 kit consists of 12 board-mounted components. This includes the controller chip (S0-8), MOSFET (S0-8), three tantalum caps, one coil, two bypass caps, one resettable fuse, one diode, and output power jack.

Price/Availability

The EPS-1 is available for \$35 plus \$2.50 S/H (US), and \$5.00 S/H (DX)

Factory built/tested EPS-1 units are available for \$TBD plus S/H.

Payment Information

We do not at this time accept credit cards - send checks and money orders only!

For DX orders, an international money order is best.

All payments must be made in U.S. dollars

Send orders to:

Embedded Research

PO Box 92492

Rochester, NY 14692

If you want to build the kit as a variable supply, you will need either a .1 and a 10K SM resistor (1206 size) and a 100K pot, or a 1/8 W resistor and a mono .1 cap with .1" spacing. It is a neat kit and has very good directions.

I have no financial interest in Embedded Research, Kanga, or G3RJV. All are good friends and I am providing this to the list because I think it is pertinent information for QRPers. 72, Doug, KI6DS

Date: Tue, 19 May 1998 14:57:46 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@Lehigh.EDU>
Subject: [11252] Balcony Antennas (opinions).
Message-ID: <013301bd8358\$03a61a60\$5e1205d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I live on the 5th floor of a 6 storey high building. I was "dating" a tree for a couple of weeks now, thinking about and end fed wire while waiting for my antenna tuner to arrive. Unfortunately for me, the tree was cut down.

My next idea is a shortened dipole attached to the balcony ceiling, the balcony is 20 feet long. I have a BASIC program, it was originally published by the now defunct Radio Fun magazine, that designs shortened dipoles as small as 30% of its full half wave size. At 30%, a 40 meter antenna would fit in my balcony.

I am looking for opinions on this antenna set up. How efficient a dummy load would it be? :)

Thanks in advance.

73 de Vince, VE3VFN.

P.S. I am not allowed outside antennas.

Date: Tue, 19 May 1998 13:10:41 -0600
From: Niel Skousen <nskousen@scientechn.com>
To: qrp-1@Lehigh.EDU
Subject: [11253] FIDM proceedings available ??
Message-ID: <199805191910.NAA13753@eaglerock.if.scientechn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Are any additional copies of the FIDM proceedings avail ?? Last year I noticed (and ordered in advance) the proceedings reservation announcement. Didn't see it or tumble to the absence this year.. sri

Niel

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG/NUSI
208.525.3742, 524.9229 FAX 529.4721 Idaho Falls ID
nskousen@scientech.com WA7SSA QRP-L.119

Z-----DN33wm--- . . . -

Date: Tue, 19 May 1998 14:38:23
From: Steven Weber <kd1jv@moose.ncia.net>
To: ki6ds@dpol.k12.ca.us
Cc: qrp-1@Lehigh.EDU
Subject: [11254] Re: NorCal Mass Produced Kits
Message-ID: <3.0.3.16.19980519143823.2a8f99ec@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Steve is partially correct. [snip] Don't worry, NorCal will not stop
doing kits. 72, Doug, KI6DS

Opps, I was pretty tired when I read that, (be a few more days before I see
straight again) so missed the fine points. Glad to hear the soles on the
shoes Doug and Jim and the many others that make these kits possible
haven't completely worn out :-)

But belive me, the amount of work these guys do is simply staggering.

72, Steve KD1JV

Date: Tue, 19 May 1998 13:25:04 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11255] 20m mobile qrp
Message-ID: <3561DC90.40DB@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hola QRPer's

Going to be on 14.060 +/- on the way to work this afternoon. Would like
to work some fellow QRP-1'ers!!

Rig: Emtech NW20(3 watts)
Ant: Homebrew center loaded 8' vertical
Keyer: Whiterook Paddle with Tick 1
Locat: Albuquerque
Time: 1150-1220 Zulu

Quote for the day: " Flame less and operate more!"

72, Tom WB5QYT " Have spud will travel!"

--

Enjoying QRP!!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, ST. Louis tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

Date: Tue, 19 May 1998 10:09:11 -0400
From: haf47@juno.com
To: MNHopkins@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [11256] Re: Homebrew v. Kitbrew: inverse rule
Message-ID: <19980519.152933.3286.0.haf47@juno.com>

Hi Mike...just a note to say hello.

I happen to agree with you about homebrewing and its value. Last Saturday my club sponsered a little "workshop" to build the MCW keyer featured in July QST '97. Simple 555 oscillator with an extra pot to feed audio to mike input of a radio.

We got 14 folks to participate, and stressed that this little project was not a "kit" as such. It was to be built from scratch on a perfboard and the club would supply all necessary parts.

After we were finished there was one guy sorta staring at the table with a somber expression...I thought he might have been angry. I asked him what the scoop was and he said, "I came here unsure of what to expect, I didn't know how to read a schematic or solder, I didn't think I could do this, and now I'm wondering what the next project will be. I couldn't have gotten this much knowlege for \$200 in a college course as I did for less than \$20 with you guys. He then beeped away a couple of times when I'm sure he thought nobody was looking, and I swear he looked as if

Marconi might respond any moment.

A new "real" ham is born.

73, Howard

WA2AFD
haf47@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 19 May 1998 15:51:24 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>, ku7y@sage.dri.edu
Subject: [11257] Looking for a few folks who won prizes
Message-ID: <Pine.LNX.3.95.980519110347.24258A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If anyone has an ARCI roster or just knows people...I am looking for
mailing addresses for the following:

Quint Wilson (no callsign known, although he's got one, and Hummingbird
Radio though)
John Muller W3QF Rockville, MD (looking for a phone number, preferably)
Mr. Mitsunaga JR3QOV
Jenny Thomas, of the UK, no callsign

This will (mercifully) wrap up the Dayton QRP Banquet.

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Tue, 19 May 1998 15:56:22 -0400
From: Michael Maiorana <mikemo@ibm.net>

To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [11258] Hallicrafters info needed
Message-ID: <3561E3E6.32AD@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I want to home brew an all tube receiver. I got some interesting schematics from the web <http://user.tninet.se/~acz732k/index.htm>

I'm in need of some 455kHz IF transformers and other "tube" related stuff. A local radio store has several Hallicrafter receivers they are selling as "junkers". I'm thinking of getting one for scavenging parts.

Here are my choices:

S38E
WR-600
S-118
S38C

All are in pretty rough shape.

Does anyone know what the IF frequencies are for these rigs? Any info on these radios will be appreciated. If they are 455kHz then I think I can reuse the IF transformers, along with the power and audio transformers.

Regards,

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"BRING BACK THE MODERATOR!"

Date: Tue, 19 May 1998 16:03:19 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11259] My two pence on a few threads.
Message-ID: <Pine.LNX.3.96.980519151156.11927B-100000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As it is, I'm mostly a lurker--as of yet, I've not yet gotten my ham ticket, so I can't speak much on it. There *are* a few points I sort of want to bring up on both the "radios for the third world thread" and the "why aren't more kids becoming hams thread", though...

On radios for third world countries, I think that's a great idea. I also think, m'self, that there should be more emphasis put on it here, and even some cheap kits or plans here (more on this in a bit). As it is, anything that helps promote ham radio is a Good Thing, and that's regardless of your ideology otherwise. :)

On why more kids aren't becoming hams--I'm 24 (a bit older than a "kid", but not so much that I can't remember what it was like :) and I have some friends on the net who are under drinking age. Here's a few reasons offhand I can think of that might be part of it, and my notes in parentheses on possible fixes IMHO:

- 1) Not much exposure to kids nowadays. (Folks, Scoutaramas won't cut it. Most folks anymore leave scouting at 12 or 13, save for Explorer posts. Radio and TV exposure, if possible, would be good for the longterm health of the hobby.)
- 2) Kids--at least of my generation--grew up with the idea that if one mucked with sciences one was "nerdy". (This is not so severe now, at least as far as computers go, thanks to the popularity of the Internet. It **still** is true somewhat as far as kits, etc. Perhaps one should promote that ham radio isn't just folks copying Morse Code--stuff like amateur satellites, etc.)
- 3) Even shortwave radio isn't given much coverage now. When I was growing up, I knew what a shortwave was and that you could pick up England and all on it. Most kids nowadays aren't even aware there's an AM radio band, much less shortwave; they think everything is FM and satellites. (I know of no easy way to fix this other than hard demonstrations in schools, which unless you can justify by having some "educational" purpose they aren't going to let you do anymore. Also, perversely, promoting that there IS ham activity involving satellites may do well.)
- 4) Storebought ham radio equipment **IS** expensive. The comments on how kids can afford computers, etc. shock me in a way--at least in MY part of the country, a kid who can afford a computer is rare indeed. Most ham radio rigs start out at \$250 and above, storebought, and parents often will not buy stuff THAT expensive for "just a hobby" unless they figure it is necessary or educational. Even computers are usually bought as **family** machines or because many schools do require that a certain amount of work be done on the computer or typewritten. (On this, QRP has a decided advantage. Most QRP rigs are homebrews or are kits, and are cheaper than the storeboughts. I will frankly admit in this regards that the existence of QRP is the only way I can even think of entertaining the thought of becoming involved in ham radio, seeing as I can homebrew an HF rig in bits at a time but cannot afford \$400 for a new or used one (nor could my parents).)
- 5) In relation to this, not many areas even HAVE stores that carry ham radio supplies or equipment, and hamfests are not widely publicised outside the ham community. Radio Shack has helped in the former to

an extent, but many towns in the country don't have Radio Shacks. This also goes for the books to get the ham radio licenses, and to an extent the exams to get a license. (In my teens, there were literally *no* stores in the Louisville area that carried ham radio equipment. The closest hamfests I knew of were 70-100 miles away, and the exams were over *30* miles away from my house. Both my parents worked and I had (and still have) no car or license, so there was almost no way for me to get to tests, and even then no way without a LONG drive to get even used equipment. At this time there was only one store in Louisville that sold even ham radio books. Nowadays, it is *somewhat* better; the tests now alternate between Indiana and Louisville locations, Radio Shack carries 10m and 2m equipment and exam stuffle, and there is *finally* a yearly hamfest in the Louisville area. However, one still must get HF rigs here by mail-order or hamfest (or brew them yourself) and one has to find the info out from other hams.)

- 6) Part of it, too, is that kids nowadays have so many obligations and worries school-wise that they almost don't have *time* for studying Morse code or even the written part of the test. Kids nowadays on average have to do two *written* portfolios a year here, PLUS a statewide achievement test, PLUS in middle and high school they have to take the PSAT and SAT and ACT tests for college admittance in the hope they can get a scholarship so college is actually affordable, PLUS in many cases they have to do *required* volunteer work to get grades, PLUS often they have to work so they can afford to attend college, PLUS in many cases parents and kids have to decide WHICH magnet they will attend [yes, in KY schools kids are now in essence picking majors in high school], PLUS in some cases they're having to worry about not getting shot at. Same for college, and even for younger adults--retirees and the rich and the unemployed are just about the only ones with TIME to get into ham radio and study for the exams. (I know of no easy fix to this save for radically restructuring society so that people do not have to run like headless chickens to get good grades to get in a good school so they can get a good job so that Mom and Dad *still* don't come up short on the bills even working two jobs. If anyone has any ideas not involving plague, famine, natural disasters, or the collapse of the world financial system I'd much appreciate it. :) If anyone has ideas to have people MAKE time for ham radio in what is increasingly a _koyaanisqatsi_ society where people are running around so hard to survive they have no time to live, do let me know that as well. :)
- 7) Several folks have pointed out that Morse code is a stumbling block to folks wanting a ham ticket, and is a discouragement. I will not go into detail on this, as I'm sure that everyone has heard the pros and cons on this. :) (I'll admit this is the one thing between me and a ham ticket just yet. I'm working on my code, because I do want to get on HF. I do not necessarily think that the CW requirement should be removed, which may surprise some folk--it never hurts to learn that "just in case". I do think promotion of the newer ways to learn code,

like computer ham tutor programs and the whole Farnsworth code method, should be promoted far more than they have been.)

- 8) A lot of times, parents aren't supportive. Parents may not realise that ham radio is educational, and would rather their kids pay attention to other stuff so that they can get a semidecent job that does not force the kids to live on Tabasco flavoured mac-and-cheese. Sometimes parents are younger, and they've grown up that only "geeks and freaks" build radio kits and go into ham radio. (On this, the best I can say is we need to make it important to parents. Show them that modern ham radio involves a lot of computer stuff, experimental stuff that ends up later as usual tech. Show them folks who went into ham radio that used their "geekiness" to innovate. [John Glenn is a good one there--anyone know if Steve Jobs or the Netscape founders are hams? ;)] If nothing else, show them that if their kids are into ham radio they probably will not be messing about with gangs and could even use this as "volunteer credit" in schools. Basically show how it'll keep the kids out of trouble and teach them stuff, and show the kids how it's boffo neat that you can talk to someone or connect to a BBS on packet halfway across the country without paying an obscene phone bill or resorting to toll fraud. :)

As it is, I'm po. :) QRP has given me hope in getting into the hobby though, and so I've kept my mouth shut on that and just watched to see what I can learn. Hopefully by August I'll have my Tech Plus (if not my General or Advanced--gotta get the books for those)...it's something I've been wanting to do for some time, and there's folks willing to help on this. The fact that I don't have to spend \$400 for a radio but can build what I need in an Altoids box helps much on this. :)

Just my two pence.

-pb

Date: Tue, 19 May 1998 15:13:19 -0500
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: "'Boatanchors@theporch'" <boatanchors@sco.theporch.com>, "'Boatanchors@Tempe'" <boatanchors@listserv.tempe.gov>, "'glowbugs'" <glowbugs@piobaire.mines.uidaho.edu>, "'QRP-L'" <qrp-1@Lehigh.EDU>
Subject: [11260] Anyone Using AMECO AC-1 On The Air?
Message-ID: <21B46CBD022AD1118F0500805F15A0686AF138@STPMSX05.stp.guidant.com>
MIME-Version: 1.0
Content-Type: text/plain

Hi Gang,

While I am preparing to put my AMECO AC-1 on the air (7040), I was wondering if there are others who are actively using them? Did anyone actually use it as a Novice? Did anyone build one? Any comments on it? Any kits left?

73,

Scott WA9WFA Saint Paul Minn
ARRL-LM, CCA, QRP-ARCI, NORCAL
scott.freeberg@guidant.com

Date: Tue, 19 May 1998 13:18:57 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Paula Bailey <pmbail01@ox.slug.louisville.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11261] Re: My two pence on a few threads.
Message-ID: <Pine.LNX.3.96.980519130736.19032A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> 4) Storebought ham radio equipment *IS* expensive. The comments on how
> kids can afford computers, etc. shock me in a way--at least in MY part
> of the country, a kid who can afford a computer is rare indeed. Most
> ham radio rigs start out at \$250 and above, storebought, and parents

WHOA...what kind of radios are you referring to, and where are you located? Where I live, the cheapest ham radio I've ever seen, commercial, non-handheld is \$800 and up.

> 5) In relation to this, not many areas even HAVE stores that carry ham
> radio supplies or equipment, and hamfests are not widely publicised
> outside the ham community. Radio Shack has helped in the former to
> an extent, but many towns in the country don't have Radio Shacks. This

We've got plenty of RS stores, but none carry any ham radio equipment, short of the occasional antenna or so. Tons of books on the subject, but no equipment! :)

> the tests now alternate between Indiana and Louisville locations,
> Radio Shack carries 10m and 2m equipment and exam stuffle, and there

Your RS carries 10m stuff?! My RS stores insisted that they discontinued their 10m line of rigs!

> 7) Several folks have pointed out that Morse code is a stumbling block to
> folks wanting a ham ticket, and is a discouragement. I will not go
> into detail on this, as I'm sure that everyone has heard the pros and
> cons on this. :) (I'll admit this is the one thing between me and a

I got into ham radio via a technician no-code license. I'm now a technician with HF privileges, as I've passed the 5wpm morse test, but you no longer need a morse code proficiency to get a ticket.

> what I can learn. Hopefully by August I'll have my Tech Plus (if not my
> General or Advanced--gotta get the books for those)...it's something I've
> been wanting to do for some time, and there's folks willing to help on
> this. The fact that I don't have to spend \$400 for a radio but can build
> what I need in an Altoids box helps much on this. :)

Good luck on your exams. I'm confident that I can pass the General written exams, but I need to work on my code too.

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=====
      KC5TJA/6      |                      -| TEAM DOLPHIN |-
      DM13          |                      Samuel A. Falvo II
      QRP-L #1447   |                      http://www.dolphin.openprojects.net
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Date: Tue, 19 May 1998 13:40:10 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [11262] Any QRP Adventures Planned?
Message-ID: <199805192040.NAA19784@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Howdy Folks,

Anyone have any QRP adventures planned in the months ahead? I'm looking for a little inspiration.

In a few weeks I'll be backpacking the Grand Canyon and hope to sneak along an SST-20 for my rest day on the North Rim. That and a week-long trek through the High Sierras in September are all the foot-mobile QRP jaunts I've got on the calendar so far.

Oh yeah, and the ARS Flight of the Bumblebees in July. Kendrick Peak for sure this time! 10,000 feet of lightning-rod granite. :)

Hoping to find a few kayakers/bikers/hikers/paddlers I can do some friendly competition with in a race for ARS QRP WAS. Better yet, we can swap some RF in the field for 2xARS. ;-)

One of these days we should try a "QRPers On The Hoof" trip - gather in CO Rockies or some other central spot, load the packs and head into the wilderness for a few days of starry nights, tall tales, lies, and QRP. What could be better?

Anyway, just curious. Nice WX is makin' me restless. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's hard to be unhappy when you have warm feet."
- Dave Rose, Fellow Snow Camper

Date: Tue, 19 May 1998 16:40:54 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [11263] Banquet prize list!
Message-ID: <Pine.LNX.3.95.980519163929.26232A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The list is far, far too long to send to everyone.

It's on my web page, under the banquet heading.

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Tue, 19 May 1998 16:43:40 -0400
From: "James R. Johns" <jrjohns@mail90.mitre.org>
To: scott.freeberg@guidant.com, qrp-1@Lehigh.EDU, boatanchors@listserv.tempe.gov,
glowbugs@piobaire.mines.uidaho.edu, boatanchors@sco.theporch.com
Subject: [11264] Re: Anyone Using AMECO AC-1 On The Air?
Message-ID: <3.0.3.32.19980519164340.02dab408@mail90.mitre.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Scott -

The Ameco AC-1 was my first rig (1967) in fact the first real electronic thing that I assembled. I used it primarily on 80 meters with a Crosley short wave receiver using a signal generator operated at 455 Kc (before they were KHz) for the BFO. My construction technique has improved over the years (it had to) so this rig is quite a sight. I didn't realize that the tube sockets were supposed to be put in from under the chassis, I kept the lead length real long (even on the bypass caps) just in case, and ... well you get the idea. I worked 15 states on 80 with 15 watts in and probably less than a watt or two out :-). I tuned for maximum blue glow on the gas in the 6V6 tube. My big thrill was lighting a 60 Watt bulb as a dummy load and watching my parents confused looks and statements like: "All that to light a lightbulb. You could just plug it in the wall and save a lot of work."

My antenna was a collection of whatever I could piece together behind the house for about 70 foot or so. I was a freshman in high school at the time and had my Novice ticket (WN2FHS). No \$\$\$, so for \$15 (or was it \$21) for the AC-1, \$4 for the receiver and \$10 for the signal generator for a BFO, I was on the air for \$35. Oh, I also spent 70 cents for the straight key!

I still have the rig in the closet although I haven't operated it in ages.

I doubt you will ever find one of these unbuilt but who knows.

73

Jim Johns KA0IQT
jrjohns@mitre.org

At 03:13 PM 5/19/98 -0500, you wrote:

>Hi Gang,

>

>While I am preparing to put my AMECO AC-1 on the air (7040), I was

>wondering if there are others who are actively using them? Did anyone

>actually use it as a Novice? Did anyone build one? Any comments on it?
>Any kits left?
>
>73,
>
>Scott WA9WFA Saint Paul Minn
>ARRL-LM, CCA, QRP-ARCI, NORCAL
>scott.freeberg@guidant.com
>
>
>

Date: Tue, 19 May 1998 16:59:25 -0400
From: Frank Alwine <n1gpy@together.net>
To: qrp-1@Lehigh.EDU
Subject: [11265] HF rig/6M xverter interfacing
Message-ID: <3561F2AD.2DBB@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Down East Microwave (DEM) makes several options for interfacing transverters to rigs that have no transverter port, including an attenuator/splitter and a device to trick your rig into low power using a voltage on the ALC port. Their URL is:

<http://www.downeastmicrowave.com>

I have no interest in DEM, just a happy customer etc. etc. etc.

They also have a complete line of transverters etc.

With QRP rigs and commercial rigs that can go below 10W, the Ten-Tec xverter will work just fine.

72 de Frank KT1VT FN34kp Vermont

Date: Tue, 19 May 1998 13:59:50 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: svecbrdk@well.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11266] Re: Homebrew v. Kitbrew: inverse rule

Message-ID: <3561F2C6.E74F1151@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

L.Svec,W.Burdick wrote:

>

> >...the inverse rule of home constructed radio:

> >The more commercial it looks, the less value it has.

>

> Come ON, folks--not this again. This an elitist generalization that
> disregards the needs, values, and skills of a wide range of participants in
> our hobby. It accomplishes nothing other than the raising of lots of dust.

Good point, Wayne. When I first got interested in amateur radio in the
early

60s, Heathkits and homebrewing were alive and well. Before too long, we
started hearing the term "appliance operator" applied to the
non-builders.

Personally, it's more important to hear someone on the HF bands than to
worry

about what gets them there. It's certainly better than some of the
walking

SKs around the local club, whose HF station gathers dust while they are
found

only on the local repeater, if they are active at all.

> For many people, particularly those who have just gotten involved in ham
> radio, kits provide an introduction to the theory, practice, art, and
> aesthetics of radio design. I can't tell you how many letters and phone
> calls I've had from people who had never picked up a soldering iron, yet
> they (or their 12-year-old son or daughter) were able to build a NorCal 40A
> or SST or Sierra and get on the air. Many of these individuals discover
> their own abilities and interests through kit building.

>

> I'd bet that a survey of engineers on the list would show that many of them
> got started in their careers partly *because* of the kits they built.

>

> I certainly did. Perhaps Mr. Hopkins did, too.

I never quite made it to engineer; something I regret from time to
time. Not

that the software development side hasn't had its own rewards. But I
did

spend my time in the Air Force working on FAA-style air traffic control
radar

systems. In retrospect, I enjoyed my work as a technician, even though

I didn't
care too much for the military aspect.

72 de Jim - AD6CW

Date: Tue, 19 May 1998 22:13:51 +0000
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, foxes@theriver.com
Subject: [11267] Re: Homebrew v. Kitbrew: inverse rule
Message-ID: <E0ybtIA-0004s1-00@hen.scotland.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I agree with all your comments about kits, they are excellent to introduce you to building gear and understanding how things work. There is a danger though. I fear some (many?) happily build kits without

a) trying to understand how the finished product works - good kits explain this.
b) some folk become 'Kit Collectors' and never actually move on from kits to actually experimenting and building their own ideas. I say 'move on' because I think one should eventually do just that and actually try some ideas of their own, having learned from kits. Or at least do a few mods to kit built gear or add-ons. That's why the 49er was a great idea. Not only did it give a useful rig (at least to some people, little use here in UK though), but folk actually did some mods and 'improvements' of their own. Yes, I know not everyone has the knowledge to perform intricate work, but kits should give us food for further thought, not always an end in themselves.

I can't see the point in building kit after kit just for the sake of it until you have umpteen 20m rigs etc! I don't personally like to see the list of kits people have built in the signature files in Internet messages, can't help thinking 'so what?' and 'how many do you actually use?'

Enjoy your construction.
--73--

Frank G3YCC G QRP 042
email: g3ycc@g3ycc.prestel.co.uk
QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Tue, 19 May 1998 14:13:03 -0700
From: chris taylor <cht@mindspring.com>
To: qrp-1@Lehigh.EDU
Subject: [11268] Re: QRP programs for the HP48GX?
Message-ID: <3561F5DF.41C6@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use a 48G with a Kantronics KPC-3 plus to connect to packet nodes around here.

--
Chris Taylor
KF6NMX
Los Angeles, USA, Earth

Date: Tue, 19 May 1998 14:16:32 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: ki6ds@dpol.k12.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11269] Re: NorCal Mass Produced Kits
Message-ID: <3561F6B0.CB086FC3@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hendricks, Doug wrote:

>
> Steve is partially correct. NorCal will no longer produce unlimited runs of
> kits. All of our kits from now on will be in finite runs. The NorCal 20
> will have 1000 kits done, 500 to sell and 500 to give away. There is a huge
> price break when you get to 1000 units. If we only kitted 500 to sell, they
> would have had to sell for about \$65. We are limiting the number of kits in
> a run for a couple of reasons, but the primary one is that Jim and I cannot
> keep up the pace of doing 2000 of each kit that we do. What has to happen
> is that you will need to make a quick decision. Kits won't be available for
> several months as the 49er, 38 Special, and the K8FF Paddles. When they are
> gone, they are gone. We will continue doing kits, but they will be limited
> to a single run. Don't worry, NorCal will not stop doing kits. 72, Doug,
> KI6DS

Doug, first of all, you have my gratitude for producing any kit for any

band.

I can hardly imagine having the time to do what you, Jim and NorCal spend in getting these kits to the rest of us.

My check for \$100 will be there on August 1st, and I hope that I will be able to get one of the new kits. I can imagine that they will sell quickly, despite the negative comments that some have made lately.

Sure, I may not "need" another/any single-band rig when I have a QRP+ and an Argo 556 that can get 5 watts or so out on any ham band, or an Argonaut 515 or an HW-8 that will do the same on four or five bands. It's the fun of assembling something new, and putting it on the air.

I must have been off the planet lately. Well, actually, out of town four times in less than 30 days; hardly saw the house during the month of April. But I thought the next NorCal project was to be the "Magnum 44" 30m transceiver. Perhaps that's being worked on as well, and was just overshadowed by Dayton.

Anyway, thanks again, to everyone involved, for the new kit.

72 de Jim - AD6CW

Date: Tue, 19 May 1998 17:17:59 -0400
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-1@Lehigh.EDU
Subject: [11270] FS:TenTec ARGO 556
Message-ID: <85256604.00612C4A.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

I'm assuming that possibly SOMEONE still has a few bucks left over from Dayton !!!!! Or maybe you did not find what you saved, begged, borrowd, etc for.

I've got a "like new" Ten Tec ARGO 556 with hand mic. and band modules for 40,30,20, and 10 meters. I also have a noise blanker that

I have not installed.
I have used it on 10 meter SSB and 20/30/40 meter cw and works great. I even think the radio is more sensitive than my new (to me) ARGOSY II !

I am asking \$475 shipped in the CONUS.

Ron N1ZSW

Date: Tue, 19 May 98 15:43:25 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [11271] Sporadic E on 10 M (Long)
Message-ID: <199805192143.QAA05855@endeavor.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

How to Understand and Work Sporadic E Skip on 10 M

In the late spring and early summer 10 M comes alive with signals, some strong, some weak, most within 1400 miles; a few from farther out. Signals can come and go quickly or stay in all day. Signals can be very strong or extremely weak. The signals can all be from the same geographical location, or they can be spread out all over the country. This happens even if the solar flux is low.

What is this propagation phenomena? It is sporadic E skip, sometimes called E skip, and sometimes just short skip.

Sporadic E skip is caused by large patches of ionization in the E-layer of the ionosphere. The exact cause of these patches is not well known, but they are associated with wind shear and some think they are connected with high towering thunder storms. These patches of ionization are not caused by solar activity as is the ionization in the F layer that we are more familiar with. Since the E-layer is

about 70 miles high, single skip is limited to about 1400 miles (this can be easily proved and is left as an exercise to the reader). Double skip is possible, but because of the patchy nature of the ionization, double skip requires two patches at the right distance apart, which are not always readily available.

E Skip occurs most often from 0900 to 1100 and 1900 and 2300 local time (not UTC!), although it can occur at any time of the day. It is most common between Mid May and July, with a secondary season between mid December and January. So look for it on weekend mornings, every evening, and during Christmas break.

The best way to find an opening is to monitor 10 M. There are a number of beacons scattered around the country between 28.2 and 28.3 MHz. Often these beacons can be heard weakly when the band is otherwise closed. When the band is open at all there is almost always someone on 28.4 MHz SSB, so that is a good frequency to check first. No I don't know why most hams prefer round numbers. The Ten-Ten crowd hangs out around 28.345 so that is also a good place to check. Those paper chasers are always alert to a band opening and call CQ with the slightest encouragement.

For some reason there is little CW activity during Sporadic-E 10M openings, but Novices, not knowing this, call anyway. My experience is that I am more likely to find a CW contact on the 10 M Novice band than in the General portion of the band during a sporadic E 10 M opening.

There are a number of 10 M repeaters every 20 KHz above 28.6, and as these are always on they can also be a good indicator of whether or not the band is open. Many have antennas that are quite high so they are often heard when nothing else on the band is heard.

The CB channels immediately below the 10 M band are usually very busy

during
sporadic E. If you listen closely you can even hear some interesting
explanations
for the phenomena.

Call CQ if you don't hear any activity.

The ionization patch, once generated, will drift to the north east at a
speed of
180 Mph. The ionization patch is what reflects your signal and is at the
midpath
of your contact. You can use this to predict who you will work next.
Often an
ionization generating spot will generate several patches, so you will
notice
cycles. From my New Mexico location a Sporadic E session might start with
New
Orleans coming in loud, then Arkansas, St. Louis, and if the cloud lasts
a long
long time, Omaha and Sioux Falls. Often I can hear several of these
locations
simultaneously, indicating that several ionized patches are present.

The location of the generating source moves east at about 12.5 degrees
per day,
so if you had short E skip in the morning you may have long E-Skip in the
evening, and if you had short E- skip in the evening you may have long
skip in the
morning. If you worked to the west yesterday, you may work to east today
or
tomorrow. So, if I hear New Orleans today, I may hear Alabama from the
same patch
tomorrow. If I work California, I know that there are probably several
more days
of E-skip to come, and I will plan my future activities accordingly.

When the skip becomes very short, the ionization is very dense and
propagation at
the next higher band is possible. So if I hear Dallas working San Antonio
on 10
M, I know I have a good shot of working somewhere in Dixie on Six.

Also if 10 M is open on Sporadic E; 12M and 15M are open, and maybe 17M
and 20M as well, but with shorter skip. If you need those close in states
for WAS this is a good time to try for them.

If you want more information on Sporadic E, look at the ARRL publication;
"Beyond Line of Sight". Also, the VHF column in QST often has hints on

working Sporadic E on 6 M which apply to 10M as well. These are usually in the May and June issues. When it comes to Sporadic E, 10 M is a VHF band, not an HF one.

Enjoy "short skip" on 10M. Hams discovered and explained Sporadic E in the 1930s. It is a rich part of our heritage and shows what amateur scientists can do. - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Tue, 19 May 1998 22:45:38 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [11272] Re: NORCAL FLOP
Message-ID: <001501bd836f\$78446a40\$c242b3c7@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

AMEN!

Date: Tue, 19 May 1998 18:10:28 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [11273] Re: My two pence on a few threads.
Message-ID: <Pine.LNX.3.96.980519175859.15448A-100000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 19 May 1998, KC5TJA wrote:

> > 4) Storebought ham radio equipment *IS* expensive. The comments on how
> > kids can afford computers, etc. shock me in a way--at least in MY part
> > of the country, a kid who can afford a computer is rare indeed. Most
> > ham radio rigs start out at \$250 and above, storebought, and parents

>
> WHOA...what kind of radios are you referring to, and where are you
> located? Where I live, the cheapest ham radio I've ever seen, commercial,
> non-handheld is \$800 and up.

By this, I'm meaning everything from 2m HT's and up. (I *HAVE* seen 10m mobiles for ~\$300, at the ONE place here besides Radio Shack that sells ham equipment--one Copper Electronics, better known on the Internet as the folks who own iglou.com :). That, and ~\$250-\$300 for the HT's at the Radio Shack around here.)

> > 5) In relation to this, not many areas even HAVE stores that carry ham
> > radio supplies or equipment, and hamfests are not widely publicised
> > outside the ham community. Radio Shack has helped in the former to
> > an extent, but many towns in the country don't have Radio Shacks. This
>
> We've got plenty of RS stores, but none carry any ham radio equipment,
> short of the occasional antenna or so. Tons of books on the subject, but
> no equipment! :)

Hmmm...that's odd. Most of them here it's quite the reverse. :) (Ham rigs, yes. Ham books besides the no-code tech books, no. :P)

> > the tests now alternate between Indiana and Louisville locations,
> > Radio Shack carries 10m and 2m equipment and exam stuffle, and there
>
> Your RS carries 10m stuff?! My RS stores insisted that they discontinued
> their 10m line of rigs!

That's odd. Again, the ones out here sell both the HT's and the 10m mobiles. (It *does* vary with the store, though. The one nearest my house have semi-clueful folk, and the second-closest has an actual ham working there. The third-closest I have literally had to get the Radio Shack catalogue out and point to them the part number and price when they tried to claim that they didn't carry a part.)

> > 7) Several folks have pointed out that Morse code is a stumbling block to
> > folks wanting a ham ticket, and is a discouragement. I will not go
> > into detail on this, as I'm sure that everyone has heard the pros and
> > cons on this. :) (I'll admit this is the one thing between me and a
>
> I got into ham radio via a technician no-code license. I'm now a
> technician with HF privileges, as I've passed the 5wpm morse test, but you
> no longer need a morse code proficiency to get a ticket.

nods True...but then again, I've not seen that many plans on how to homebrew a 2m rig, and I *really* want to get on HF. :) Either way, I'll learn the code. I'm just more for encouraging folks to learn it. :)

Of course, figuring more plans on how to brew a 2m QRP rig wouldn't hurt either. :)

> > what I can learn. Hopefully by August I'll have my Tech Plus (if not my
> > General or Advanced--gotta get the books for those)...it's something I've
> > been wanting to do for some time, and there's folks willing to help on
> > this. The fact that I don't have to spend \$400 for a radio but can build
> > what I need in an Altoids box helps much on this. :)
>
> Good luck on your exams. I'm confident that I can pass the General
> written exams, but I need to work on my code too.

Ham University isn't half bad for that, as long as you don't mind Windows.
:) Has written-exam mock exams to test you on that, plus a built-in
Farnsworth based trainer that starts you out at 18wpm (yes, you can
customise it if you want). You can even use it to do stuff like the QST
text transmissions for code practice. :)

73's and good luck to you too. And thanks to all the folks who have sent
kind words and well wishes. :)

```
> =====  
>      KC5TJA/6      |      -| TEAM DOLPHIN |-  
>      DM13         |      Samuel A. Falvo II  
>      QRP-L #1447   |      http://www.dolphin.openprojects.net
```

-pb

Date: Tue, 19 May 1998 17:16:36 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [11274] wire/rope/tree... cajun ant goo-reaux
Message-ID: <199805192216.RAA28209@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi gang:

Did a major experment today... put together a forty meter yagi, 3el
and checked it out hanging it vertically and horizontally... settled on the
horizontal... was in the way vertically... also discovered that I have only
28ft + 21ft of room for a boom (air boom) and I had to make each element
hang over the rope after 25ft from the center of each element... swr just
great... that 's .15 and .2 spacing...

the rg 8u was sagging the driven element so put some rs twinlead on it... loads ok with the tuner... will check it against the two element yagi stretched out in the trees... ref ant... both about 40ft off the gnd... pointed in the same direction... hey this is the way it should be... :-)

for the past two days I had a two element yagi about 50degrees west of the test yagi and there was no signifigant increase in signal towards the west coast with the ant that was pointed more west....

This would indicate that I can get ready to put up the 8jk in place of the test yagi in a few days... I did some checking and found that the 8jk cut for twenty meters and spaced .25wavelength will work ... I shuld say ... should work just fine on forty also as a .125 spaced two element beam... Two in one.... :-) plus gain in two directions... looks good...

so if all goes ok,... the three element yagi, wire rope over the house... will become the test ant for the 8jk... Pass the aspirin and splice the twinlead mama, yo cajun sun gonnna shine like tarpon on twenty and forty meters...

will let you know how the three element yagi with the .15 and .2 spacing works out... One thing is for certain... wire/rope/trees can make qrp sing with the best of qro with decent band conditions... done made some believers out there... :-)

joel, in maine, north of dixie, gotten outta heah, at last... :-)

God Bless

Joel

WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)

Gentle Lady (RC Sail Plane)(049 engine - start)

3 element yagi on 40mtr/20mtr

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Tue, 19 May 1998 15:19:05 -0500

From: "Compaq" <QRPDave@ocsnet.net>

To: <QRP-L@Lehigh.EDU>

Subject: [11275] Open note to Jim and Doug

Message-ID: <19980519222048671.AAA199@AndrewSmith>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Dear Norcal wizards:

I want to compliment Doug and Jim (or is it Jim and Doug?) on their fine work on the Norcal 20! I personally am not interested, but I can't wait for the next project. Maybe it will pique my interest, mebbie not. But it

will be a fine contribution to our art and a credit to Ham radio. Good work, guys--believe me you are appreciated!]

QRPDave KE6PUF

Date: Tue, 19 May 1998 15:19:11 -0700
From: "Michael Fletcher" <kl7ixi@mailcity.com>
To: qrp-l@Lehigh.EDU
Subject: [11276] Photos of Dayton '98??
Message-ID: <OBCKPLFFDNOHBAAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone out there document the QRP happenings at Dayton this year?

I have heard little about the 2N2222 building contest, nor seen any pictures of the entries or much else. I enjoyed looking over the past Dayton documentation on the QRP-L server and was hoping for the 1998 photos to be up.

Anyone willing to share more of the experience?

72,
Mike KL7IXI/7
Vancouver, WA

Get your FREE, private e-mail
account at <http://www.mailcity.com>

Date: Tue, 19 May 1998 18:28:48 -0400
From: Bob Hirsch <bobh@p3.net>
To: qrp-l@Lehigh.EDU
Subject: [11277] Two questions -- anybody know?
Message-ID: <3.0.3.32.19980519182848.00759f98@pop.p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

- 1.) Since the demise of the printed flying horse callbook, is there any way for hams without a computer in the shack to find QSL info?
- 2.) Does anyone know of a kit, plans, or commercially made mutiband or all ham band CW transmitter only, no receiver? Does such a beastie exist?

TIA es 72

```
=====
73 de Bob, W3CW
New Hope Pennsylvania
=====
=====
fists #2491
qrp-arc #8700
qrp-l #450
ARRL
=====
```

Date: Tue, 19 May 1998 15:20:58 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Paula Bailey <pmbail01@ox.slug.louisville.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [11278] Re: My two pence on a few threads.
Message-ID: <Pine.LNX.3.96.980519151537.27707D-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> By this, I'm meaning everything from 2m HT's and up. (I *HAVE* seen 10m
> mobiles for ~\$300, at the ONE place here besides Radio Shack that sells
> ham equipment--one Copper Electronics, better known on the Internet as the
> folks who own iglou.com :). That, and ~\$250-\$300 for the HT's at the
> Radio Shack around here.)

Ahh...in that case, then, I'd have to agree.

> tried to claim that they didn't carry a part.)

Can you give me a radio shack part number for the 10m mobile rig? Is it
sideband only, or does it do CW as well?

> *nods* True...but then again, I've not seen that many plans on how to
> homebrew a 2m rig, and I *really* want to get on HF. :) Either way, I'll
> learn the code. I'm just more for encouraging folks to learn it. :)

For what it's worth, after I finish my homebrew 40m rig (gads, I've not
had any time to work on it), I'm going to start on a 6m RF data modem for
use as a research engine. My goal is to experiment with different
protocols on the air, and not just AX.25. Also, I want something besides
1200bps... :)

> Ham University isn't half bad for that, as long as you don't mind Windows.

I hate Windows with a passion. I've removed all Microsoft operating system products from my computer completely, and replaced it with an assortment of other operating systems: AmigaOS (under emulation), GEOS, and Linux. In addition, I'm writing my own OS as well for the fun of it. The "QRP" of computers, I suppose... :D

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

Date: Tue, 19 May 98 18:26:44 PDT
From: Jade Account <jadepro@jadeprod.com>
To: qrp-l@Lehigh.EDU
Subject: [11279] RE: Dayton in the Sunlight/shadow
Message-ID: <Chameleon.980519184737.jadepro@jadepro.jadeprod.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mike wrote concerning the QRP Vendor displays...

>The new stuff included some breathtakingly expensive gear, and the
>anomalous display with the 40M directional antenna RX that worked
>wonderfully.
>The same seller has in this issue of QST a regenerative RX using an
>optoelectric coupler -- a marriage of old and new worthy of study. I am
>fighting myself to avoid buying one and scratching my head to know why the
>article does not mention the work of Charles Kitchin, who authored the
>ARRL's
>last regenerative RX and the devinative work on the subject for Communications
>Quarterly. Perhaps a feud?

You may have noticed a trend in the kit prices these days. If the vendor is a commercial vendor, as opposed to a club project, it is almost impossible to put anything in the marketplace for less than \$50. This excludes very small projects like code practice oscillators, keyers etc. Whenever the product is a receiver, transmitter, transceiver etc., the component costs drive the final unit cost. For example, the AMP04FP used in the Shielded Loop Receiver (SLR) you mentioned above costs \$7.80 each, and in quantities of 100 is still over \$5.00. Add in the other IC's, pots, high quality Johnson variable caps etc. and one quickly sees the why of the high prices. If one puts a cabinet

or enclosure around the project, the price will usually double! A decent commercial vendor will also offer an 800 telephone number, WEB site, customer service hours, a FAX line etc., and many of the vendors do all of this and much more.

The other problem is repeatability. Buying parts in the flea market can be a great way to get a project up and running, but when one is faced with the prospect of producing 100, 500 or a 1000 units of something, the task becomes very difficult. When the customer breaks a widget inserting it in the board, they should be able to get a replacement a year from now.

I'm not being critical here, or even trying to make excuses, just trying to shed some light on why this equipment is "breathtakingly expensive". I would love to see this stuff out there for \$30 a copy, but it just can't be done, or if it can, I haven't found the way.

Regarding the Optically Coupled Receiver (OCR), there is certainly no "feud" with Mr. Kitchin, that was an excellent piece of work he did. I have my copy and wouldn't think of parting with it.

Thanks for stopping by the booth, it was great meeting you folks in the flesh.

72'

Dennis, K1YPP

Jane Blanchard, KA1FUN, President -- Dennis Blanchard, K1YPP, Chief Engineer

	Phone:	603-329-6995 (Telephone hours 4 to 10 PM EST)
Jade	FAX:	603-329-4499
Products,	Orders:	800-523-3776
Inc.	e-mail:	jadepro@jadeprod.com

US Mail: Jade Products, Inc
PO Box 368
East Hampstead, NH 03826-0368

See our Web Page: <http://www.jadeprod.com/>

Date: Tue, 19 May 1998 18:51:01 -0400
From: Bob Hirsch <bobh@p3.net>
To: qrp-1@Lehigh.EDU
Subject: [11280] DOCS for the PCS-6000H?
Message-ID: <3.0.3.32.19980519185101.0071be94@pop.p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does anyone have any documentation on the Azden PCS-6000H 2 meter mobile rig?
Anything will be appreciated. Service manual, owner's manual, schematics?
I'll pay repro and mail costs, of course.
TNX

72/73 de Bob, W3CW
New Hope Pennsylvania

Date: Wed, 20 May 1998 18:55:03 -0400
From: trl@cybrwks.net (trl)
To: <qrp-1@Lehigh.EDU>
Subject: [11281] Thanks!
Message-ID: <01bd8442\$53886e80\$877b57cf@trl>
MIME-Version: 1.0
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This is a multi-part message in MIME format.

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>>SNIP<<

>For many people, particularly those who have just gotten involved in =
ham
>radio, kits provide an introduction to the theory, practice, art, and
>aesthetics of radio design. I can't tell you how many letters and =
phone
>calls I've had from people who had never picked up a soldering iron, =
yet
>they (or their 12-year-old son or daughter) were able to build a NorCal =
40A
>or SST or Sierra and get on the air. Many of these individuals =
discover

>their own abilities and interests through kit building.
>
>I'd bet that a survey of engineers on the list would show that many of =
them
>got started in their careers partly *because* of the kits they built.
>
>I certainly did. Perhaps Mr. Hopkins did, too.
>
>Wayne Burdick
>N6KR

Wayne,

I agree with you completely. I AM one of those that had ONLY used a =
soldering iron to put a coax fitting on the end of my feedline. =
Recently I became interested in building something and came across Bob =
Dyer's web site on the internet. I started by building one of his =
NC40A's and I had a blast!! I found the kit to great.. the instructions =
were very clear, the parts were all there, the enclosure was beautifully =
painted and Bob was very helpful on the phone it was GREAT!!! I =
have not been a technical ham and maybe I'm still not... BUT I built =
this kit from a ziplock baggie of parts and had fun. The Wilderness rig =
worked great and I'm proud of it!! I got a real kick out of building =
this kit and who knows what it could result in in the future. I'm =
already looking thru the ARRL Handbook that I bought and had never =
looked at and thinking of building something else. I've ordered more =
kits from Bob and I hope I am able to get a NC20 from NorCal. You =
know..... this has even gotten me more interested in just "ragchewing" =
on the air.... plus more CW time. I hate to see anyone in the group =
running other people down. BS like that is going to drive people away =
from the hobby at a time when we are trying to figure out a way to bring =
more people in. Everyone is interested in different things.... as long =
as they aren't hurting others... they are having fun and helping to keep =
the spirit of HAM RADIO alive.... leave them alone!! Can anyone say =
anything here without being torched by the flames?? I have had a great =
time in the few weeks since I found the QRP-L reading the posts and =
clicking on all the recommended sites in different messages. I'm amazed =
at how helpful MOST of the people here really are. Each day I can't =
wait to read the new messages. =20

So, for all of you that contribute in a positive way.... it's working! =
Keep it up... don't be frustrated.... you are pulling us into the gang. =
I do appreciate it as well as so many others. I'm joining NorCal and =
will do all I can to help others as I have been helped. Hey.... for the =
first time... next year I'm going to go to Dayton too!!

Sorry to ramble on... but wanted to let the group know how I feel.... =

being new to this and all. Thanks everyone and hope to see you on the =
air!!

73/72

Tom Little
N0DSP

trl@cybrwks.net

-----=_NextPart_000_0087_01BD8420.CC76CE80

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Content-Transfer-Encoding: quoted-printable

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>N6KR </DIV>

